

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Waggin Trail | Linville Falls | Bent Creek  | Lenoir      | Cherry Grove | Pittsboro   | Wade        | Golfview    |
|------------------------|--------------|----------------|-------------|-------------|--------------|-------------|-------------|-------------|
| <b>County</b>          | Alexander    | Avery          | Buncombe    | Caldwell    | Caswell      | Chatham     | Cumberland  | Cumberland  |
| <b>AQS Code</b>        | 37-003-0004  | 37-011-0002    | 37-021-0030 | 37-027-0003 | 37-033-0001  | 37-037-0004 | 37-051-0008 | 37-051-1003 |
| <b>Latitude</b>        | 35.929000    | 35.972220      | 35.500000   | 35.935830   | 36.307030    | 35.757220   | 35.158690   | 34.968890   |
| <b>Longitude</b>       | -81.189800   | -81.933050     | -82.600000  | -81.530280  | -79.467420   | -79.159720  | -78.728040  | -78.962500  |
| <b>Exceedance days</b> | 0            | 0              | 0           | 0           | 0            | 0           | 0           | 0           |
| <b>Valid days</b>      | 214          | 214            | 214         | 214         | 214          | 211         | 214         | 214         |
| 4/1/2010               | 0.067        | 0.065          | 0.069       | 0.064       | 0.064        | 0.065       | 0.075       | 0.070       |
| 4/2/2010               | 0.081        | 0.087          | 0.082       | 0.082       | 0.081        | 0.077       | 0.082       | 0.081       |
| 4/3/2010               | 0.071        | 0.068          | 0.069       | 0.071       | 0.060        | 0.056       | 0.064       | 0.063       |
| 4/4/2010               | 0.066        | 0.065          | 0.064       | 0.064       | 0.064        | 0.059       | 0.062       | 0.064       |
| 4/5/2010               | 0.058        | 0.050          | 0.049       | 0.050       | 0.062        | 0.055       | 0.065       | 0.068       |
| 4/6/2010               | 0.064        | 0.059          | 0.076       | 0.061       | 0.074        | 0.059       | 0.065       | 0.064       |
| 4/7/2010               | 0.063        | 0.066          | 0.069       | 0.063       | 0.063        | 0.056       | 0.059       | 0.062       |
| 4/8/2010               | 0.051        | 0.055          | 0.052       | 0.043       | 0.045        | 0.042       | 0.046       | 0.048       |
| 4/9/2010               | 0.055        | 0.055          | 0.056       | 0.055       | 0.055        | 0.051       | 0.052       | 0.054       |
| 4/10/2010              | 0.057        | 0.061          | 0.067       | 0.063       | 0.057        | 0.056       | 0.058       | 0.064       |
| 4/11/2010              | 0.066        | 0.065          | 0.071       | 0.064       | 0.070        | 0.060       | 0.064       | 0.065       |
| 4/12/2010              | 0.073        | 0.075          | 0.074       | 0.073       | 0.073        | 0.070       | 0.071       | 0.073       |
| 4/13/2010              | 0.075        | 0.076          | 0.077       | 0.075       | 0.080        | 0.066       | 0.068       | 0.072       |
| 4/14/2010              | 0.049        | 0.060          | 0.077       | 0.050       | 0.050        | 0.049       | 0.052       | 0.054       |
| 4/15/2010              | 0.069        | 0.070          | 0.073       | 0.068       | 0.070        | 0.053       | 0.066       | 0.061       |
| 4/16/2010              | 0.070        | 0.071          | 0.070       | 0.067       | 0.073        | 0.071       | 0.069       | 0.071       |
| 4/17/2010              | 0.062        | 0.064          | 0.057       | 0.062       | 0.062        | 0.055       | 0.064       | 0.065       |
| 4/18/2010              | 0.055        | 0.052          | 0.055       | 0.055       | 0.051        | 0.052       | 0.056       | 0.056       |
| 4/19/2010              | 0.053        | 0.054          | 0.056       | 0.052       | 0.052        | 0.049       | 0.054       | 0.053       |
| 4/20/2010              | 0.059        | 0.058          | 0.049       | 0.058       | 0.058        | 0.056       | 0.061       | 0.062       |
| 4/21/2010              | 0.057        | 0.056          | 0.058       | 0.058       | 0.051        | 0.040       | 0.049       | 0.051       |
| 4/22/2010              | 0.066        | 0.067          | 0.064       | 0.066       | 0.069        | 0.069       | 0.072       | 0.070       |
| 4/23/2010              | 0.062        | 0.067          | 0.070       | 0.067       | 0.051        | 0.050       | 0.064       | 0.069       |
| 4/24/2010              | 0.056        | 0.057          | 0.052       | 0.055       | 0.061        | 0.053       | 0.053       | 0.053       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Waggin Trail | Linville Falls | Bent Creek  | Lenoir      | Cherry Grove | Pittsboro   | Wade        | Golfview    |
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| <b>County</b>          | Alexander    | Avery          | Buncombe    | Caldwell    | Caswell      | Chatham     | Cumberland  | Cumberland  |
| <b>AQS Code</b>        | 37-003-0004  | 37-011-0002    | 37-021-0030 | 37-027-0003 | 37-033-0001  | 37-037-0004 | 37-051-0008 | 37-051-1003 |
| <b>Latitude</b>        | 35.929000    | 35.972220      | 35.500000   | 35.935830   | 36.307030    | 35.757220   | 35.158690   | 34.968890   |
| <b>Longitude</b>       | -81.189800   | -81.933050     | -82.600000  | -81.530280  | -79.467420   | -79.159720  | -78.728040  | -78.962500  |
| <b>Exceedance days</b> | 0            | 0              | 0           | 0           | 0            | 0           | 0           | 0           |
| <b>Valid days</b>      | 214          | 214            | 214         | 214         | 214          | 211         | 214         | 214         |
| 4/25/2010              | 0.057        | 0.052          | 0.055       | 0.054       | 0.045        | 0.036       | 0.037       | 0.039       |
| 4/26/2010              | 0.049        | 0.047          | 0.045       | 0.049       | 0.048        | 0.050       | 0.055       | 0.056       |
| 4/27/2010              | 0.043        | 0.047          | 0.043       | 0.047       | 0.047        | 0.046       | 0.050       | 0.055       |
| 4/28/2010              | 0.051        | 0.053          | 0.053       | 0.050       | 0.050        | 0.051       | 0.050       | 0.048       |
| 4/29/2010              | 0.061        | 0.062          | 0.059       | 0.060       | 0.066        | 0.057       | 0.063       | 0.066       |
| 4/30/2010              | 0.075        | 0.070          | 0.076       | 0.070       | 0.078        | 0.063       | 0.067       | 0.068       |
| 5/1/2010               | 0.044        | 0.043          | 0.042       | 0.045       | 0.050        | 0.044       | 0.048       | 0.048       |
| 5/2/2010               | 0.029        | 0.032          | 0.031       | 0.030       | 0.034        | 0.035       | 0.037       | 0.038       |
| 5/3/2010               | 0.030        | 0.035          | 0.037       | 0.034       | 0.031        | 0.030       | 0.030       | 0.031       |
| 5/4/2010               | 0.068        | 0.063          | 0.057       | 0.059       | 0.064        | 0.044       | 0.033       | 0.034       |
| 5/5/2010               | 0.070        | 0.076          | 0.065       | 0.064       | 0.073        | 0.067       | 0.056       | 0.054       |
| 5/6/2010               | 0.071        | 0.068          | 0.071       | 0.068       | 0.071        | 0.074       | 0.069       | 0.071       |
| 5/7/2010               | 0.088        | 0.077          | 0.077       | 0.084       | 0.081        | 0.077       | 0.076       | 0.085       |
| 5/8/2010               | 0.056        | 0.054          | 0.054       | 0.057       | 0.057        | 0.059       | 0.060       | 0.061       |
| 5/9/2010               | 0.047        | 0.050          | 0.044       | 0.048       | 0.046        | 0.046       | 0.047       | 0.049       |
| 5/10/2010              | 0.056        | 0.050          | 0.046       | 0.054       | 0.054        | 0.054       | 0.056       | 0.060       |
| 5/11/2010              | 0.036        | 0.046          | 0.040       | 0.034       | 0.039        | 0.041       | 0.047       | 0.052       |
| 5/12/2010              | 0.041        | 0.040          | 0.039       | 0.041       | 0.055        | 0.045       | 0.048       | 0.048       |
| 5/13/2010              | 0.053        | 0.046          | 0.047       | 0.049       | 0.032        | 0.054       | 0.055       | 0.056       |
| 5/14/2010              | 0.057        | 0.047          | 0.052       | 0.059       | 0.070        | 0.053       | 0.053       | 0.052       |
| 5/15/2010              | 0.063        | 0.042          | 0.040       | 0.051       | 0.053        | 0.049       | 0.051       | 0.051       |
| 5/16/2010              | 0.045        | 0.045          | 0.038       | 0.048       | 0.054        | 0.046       | 0.054       | 0.052       |
| 5/17/2010              | 0.032        | 0.035          | 0.030       | 0.033       | 0.047        | 0.029       | 0.023       | 0.034       |
| 5/18/2010              | 0.033        | 0.032          | 0.047       | 0.034       | 0.036        | 0.027       | 0.034       | 0.033       |

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| <b>AQS Code</b>        | 37-003-0004  | 37-011-0002    | 37-021-0030 | 37-027-0003 | 37-033-0001  | 37-037-0004 | 37-051-0008 | 37-051-1003 |
| <b>Latitude</b>        | 35.929000    | 35.972220      | 35.500000   | 35.935830   | 36.307030    | 35.757220   | 35.158690   | 34.968890   |
| <b>Longitude</b>       | -81.189800   | -81.933050     | -82.600000  | -81.530280  | -79.467420   | -79.159720  | -78.728040  | -78.962500  |
| <b>Exceedance days</b> | 0            | 0              | 0           | 0           | 0            | 0           | 0           | 0           |
| <b>Valid days</b>      | 214          | 214            | 214         | 214         | 214          | 211         | 214         | 214         |
| 5/19/2010              | 0.045        | 0.052          | 0.051       | 0.050       | 0.042        | 0.035       | 0.049       | 0.052       |
| 5/20/2010              | 0.049        | 0.045          | 0.053       | 0.049       | 0.049        | 0.048       | 0.056       | 0.057       |
| 5/21/2010              | 0.050        | 0.048          | 0.047       | 0.042       | 0.064        | 0.063       | 0.060       | 0.063       |
| 5/22/2010              | 0.047        | 0.045          | 0.044       | 0.045       | 0.045        | 0.042       | 0.055       | 0.058       |
| 5/23/2010              | 0.050        | 0.049          | 0.056       | 0.048       | 0.042        | 0.040       | 0.042       | 0.049       |
| 5/24/2010              | 0.053        | 0.047          | 0.054       | 0.049       | 0.031        | 0.030       | 0.030       | 0.034       |
| 5/25/2010              | 0.030        | 0.037          | 0.032       | 0.027       | 0.035        | 0.027       | 0.039       | 0.033       |
| 5/26/2010              | 0.049        | 0.030          | 0.045       | 0.045       | 0.050        | 0.048       | 0.042       | 0.046       |
| 5/27/2010              | 0.060        | 0.050          | 0.056       | 0.059       | 0.063        | 0.061       | 0.077       | 0.079       |
| 5/28/2010              | 0.067        | 0.061          | 0.061       | 0.066       | 0.069        | 0.057       | 0.050       | 0.051       |
| 5/29/2010              | 0.058        | 0.052          | 0.049       | 0.051       | 0.052        |             | 0.040       | 0.047       |
| 5/30/2010              | 0.039        | 0.041          | 0.031       | 0.037       | 0.047        |             | 0.043       | 0.045       |
| 5/31/2010              | 0.042        | 0.042          | 0.044       | 0.039       | 0.045        |             | 0.039       | 0.043       |
| 6/1/2010               | 0.046        | 0.046          | 0.047       | 0.046       | 0.053        | 0.006       | 0.031       | 0.036       |
| 6/2/2010               | 0.056        | 0.045          | 0.047       | 0.053       | 0.055        | 0.033       | 0.042       | 0.051       |
| 6/3/2010               | 0.059        | 0.052          | 0.052       | 0.055       | 0.069        | 0.040       | 0.054       | 0.055       |
| 6/4/2010               | 0.062        | 0.049          | 0.045       | 0.057       | 0.072        | 0.048       | 0.054       | 0.053       |
| 6/5/2010               | 0.034        | 0.041          | 0.037       | 0.037       | 0.055        | 0.042       | 0.042       | 0.045       |
| 6/6/2010               | 0.041        | 0.039          | 0.040       | 0.047       | 0.043        | 0.042       | 0.044       | 0.042       |
| 6/7/2010               | 0.052        | 0.052          | 0.052       | 0.055       | 0.047        | 0.047       | 0.052       | 0.054       |
| 6/8/2010               | 0.062        | 0.052          | 0.061       | 0.056       | 0.051        | 0.052       | 0.061       | 0.062       |
| 6/9/2010               | 0.057        | 0.046          | 0.048       | 0.052       | 0.055        | 0.043       | 0.060       | 0.058       |
| 6/10/2010              | 0.042        | 0.038          | 0.037       | 0.042       | 0.052        | 0.043       | 0.052       | 0.052       |
| 6/11/2010              | 0.077        | 0.036          | 0.038       | 0.055       | 0.071        | 0.065       | 0.077       | 0.077       |

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| <b>Latitude</b>        | 35.929000    | 35.972220      | 35.500000   | 35.935830   | 36.307030    | 35.757220   | 35.158690   | 34.968890   |
| <b>Longitude</b>       | -81.189800   | -81.933050     | -82.600000  | -81.530280  | -79.467420   | -79.159720  | -78.728040  | -78.962500  |
| <b>Exceedance days</b> | 0            | 0              | 0           | 0           | 0            | 0           | 0           | 0           |
| <b>Valid days</b>      | 214          | 214            | 214         | 214         | 214          | 211         | 214         | 214         |
| 6/12/2010              | 0.053        | 0.032          | 0.035       | 0.044       | 0.070        | 0.050       | 0.074       | 0.073       |
| 6/13/2010              | 0.033        | 0.032          | 0.037       | 0.032       | 0.038        | 0.033       | 0.046       | 0.045       |
| 6/14/2010              | 0.039        | 0.038          | 0.041       | 0.037       | 0.049        | 0.053       | 0.060       | 0.050       |
| 6/15/2010              | 0.041        | 0.029          | 0.041       | 0.047       | 0.056        | 0.053       | 0.063       | 0.060       |
| 6/16/2010              | 0.042        | 0.035          | 0.036       | 0.047       | 0.052        | 0.041       | 0.055       | 0.058       |
| 6/17/2010              | 0.065        | 0.056          | 0.053       | 0.061       | 0.057        | 0.055       | 0.065       | 0.067       |
| 6/18/2010              | 0.063        | 0.053          | 0.072       | 0.063       | 0.058        | 0.066       | 0.072       | 0.066       |
| 6/19/2010              | 0.067        | 0.058          | 0.062       | 0.062       | 0.056        | 0.054       | 0.060       | 0.060       |
| 6/20/2010              | 0.053        | 0.056          | 0.055       | 0.055       | 0.057        | 0.054       | 0.058       | 0.062       |
| 6/21/2010              | 0.056        | 0.057          | 0.076       | 0.060       | 0.056        | 0.057       | 0.065       | 0.068       |
| 6/22/2010              | 0.053        | 0.050          | 0.054       | 0.051       | 0.072        | 0.055       | 0.065       | 0.072       |
| 6/23/2010              | 0.058        | 0.052          | 0.055       | 0.064       | 0.055        | 0.059       | 0.073       | 0.061       |
| 6/24/2010              | 0.044        | 0.040          | 0.044       | 0.044       | 0.052        | 0.054       | 0.066       | 0.064       |
| 6/25/2010              | 0.061        | 0.046          | 0.052       | 0.058       | 0.064        | 0.062       | 0.067       | 0.079       |
| 6/26/2010              | 0.061        | 0.059          | 0.048       | 0.061       | 0.066        | 0.048       | 0.065       | 0.053       |
| 6/27/2010              | 0.060        | 0.051          | 0.050       | 0.054       | 0.064        | 0.050       | 0.065       | 0.060       |
| 6/28/2010              | 0.046        | 0.042          | 0.042       | 0.043       | 0.059        | 0.057       | 0.063       | 0.064       |
| 6/29/2010              | 0.058        | 0.055          | 0.045       | 0.058       | 0.056        | 0.060       | 0.063       | 0.062       |
| 6/30/2010              | 0.066        | 0.042          | 0.060       | 0.060       | 0.055        | 0.041       | 0.043       | 0.046       |
| 7/1/2010               | 0.059        | 0.048          | 0.060       | 0.060       | 0.059        | 0.058       | 0.070       | 0.071       |
| 7/2/2010               | 0.064        | 0.058          | 0.061       | 0.064       | 0.059        | 0.059       | 0.063       | 0.067       |
| 7/3/2010               | 0.072        | 0.061          | 0.064       | 0.072       | 0.063        | 0.057       | 0.066       | 0.063       |
| 7/4/2010               | 0.080        | 0.059          | 0.062       | 0.073       | 0.066        | 0.062       | 0.067       | 0.068       |
| 7/5/2010               | 0.092        | 0.066          | 0.068       | 0.074       | 0.074        | 0.058       | 0.061       | 0.055       |

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| <b>Longitude</b>       | -81.189800   | -81.933050     | -82.600000  | -81.530280  | -79.467420   | -79.159720  | -78.728040  | -78.962500  |
| <b>Exceedance days</b> | 0            | 0              | 0           | 0           | 0            | 0           | 0           | 0           |
| <b>Valid days</b>      | 214          | 214            | 214         | 214         | 214          | 211         | 214         | 214         |
| 7/6/2010               | 0.072        | 0.054          | 0.071       | 0.068       | 0.069        | 0.060       | 0.067       | 0.054       |
| 7/7/2010               | 0.067        | 0.056          | 0.075       | 0.064       | 0.069        | 0.076       | 0.091       | 0.089       |
| 7/8/2010               | 0.076        | 0.061          | 0.069       | 0.068       | 0.087        | 0.085       | 0.094       | 0.094       |
| 7/9/2010               | 0.077        | 0.059          | 0.072       | 0.079       | 0.067        | 0.064       | 0.076       | 0.071       |
| 7/10/2010              | 0.049        | 0.047          | 0.053       | 0.047       | 0.050        | 0.045       | 0.051       | 0.050       |
| 7/11/2010              | 0.059        | 0.051          | 0.055       | 0.056       | 0.064        | 0.049       | 0.054       | 0.050       |
| 7/12/2010              | 0.044        | 0.034          | 0.037       | 0.037       | 0.044        | 0.037       | 0.037       | 0.044       |
| 7/13/2010              | 0.051        | 0.043          | 0.043       | 0.051       | 0.044        | 0.032       | 0.047       | 0.047       |
| 7/14/2010              | 0.051        | 0.048          | 0.051       | 0.050       | 0.056        | 0.047       | 0.056       | 0.045       |
| 7/15/2010              | 0.064        | 0.052          | 0.056       | 0.060       | 0.062        | 0.066       | 0.062       | 0.068       |
| 7/16/2010              | 0.064        | 0.050          | 0.066       | 0.057       | 0.057        | 0.042       | 0.047       | 0.047       |
| 7/17/2010              | 0.048        | 0.040          | 0.048       | 0.049       | 0.041        | 0.042       | 0.042       | 0.052       |
| 7/18/2010              | 0.041        | 0.037          | 0.040       | 0.039       | 0.052        | 0.028       | 0.039       | 0.037       |
| 7/19/2010              | 0.047        | 0.047          | 0.043       | 0.044       | 0.050        | 0.036       | 0.039       | 0.039       |
| 7/20/2010              | 0.044        | 0.040          | 0.046       | 0.038       | 0.061        | 0.053       | 0.054       | 0.054       |
| 7/21/2010              | 0.039        | 0.046          | 0.032       | 0.037       | 0.043        | 0.048       | 0.052       | 0.050       |
| 7/22/2010              | 0.056        | 0.043          | 0.039       | 0.051       | 0.066        | 0.060       | 0.064       | 0.060       |
| 7/23/2010              | 0.057        | 0.038          | 0.042       | 0.047       | 0.066        | 0.047       | 0.062       | 0.053       |
| 7/24/2010              | 0.053        | 0.043          | 0.055       | 0.053       | 0.060        | 0.039       | 0.047       | 0.039       |
| 7/25/2010              | 0.050        | 0.044          | 0.059       | 0.048       | 0.058        | 0.041       | 0.053       | 0.049       |
| 7/26/2010              | 0.050        | 0.044          | 0.056       | 0.054       | 0.066        | 0.058       | 0.066       | 0.074       |
| 7/27/2010              | 0.056        | 0.046          | 0.045       | 0.050       | 0.043        | 0.031       | 0.032       | 0.037       |
| 7/28/2010              | 0.054        | 0.044          | 0.047       | 0.047       | 0.062        | 0.045       | 0.056       | 0.051       |
| 7/29/2010              | 0.049        | 0.047          | 0.042       | 0.049       | 0.055        | 0.054       | 0.062       | 0.051       |

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| <b>County</b>          | Alexander    | Avery          | Buncombe    | Caldwell    | Caswell      | Chatham     | Cumberland  | Cumberland  |
| <b>AQS Code</b>        | 37-003-0004  | 37-011-0002    | 37-021-0030 | 37-027-0003 | 37-033-0001  | 37-037-0004 | 37-051-0008 | 37-051-1003 |
| <b>Latitude</b>        | 35.929000    | 35.972220      | 35.500000   | 35.935830   | 36.307030    | 35.757220   | 35.158690   | 34.968890   |
| <b>Longitude</b>       | -81.189800   | -81.933050     | -82.600000  | -81.530280  | -79.467420   | -79.159720  | -78.728040  | -78.962500  |
| <b>Exceedance days</b> | 0            | 0              | 0           | 0           | 0            | 0           | 0           | 0           |
| <b>Valid days</b>      | 214          | 214            | 214         | 214         | 214          | 211         | 214         | 214         |
| 7/30/2010              | 0.055        | 0.057          | 0.054       | 0.053       | 0.058        | 0.061       | 0.065       | 0.067       |
| 7/31/2010              | 0.031        | 0.054          | 0.051       | 0.029       | 0.043        | 0.032       | 0.053       | 0.059       |
| 8/1/2010               | 0.033        | 0.027          | 0.033       | 0.029       | 0.035        | 0.033       | 0.042       | 0.038       |
| 8/2/2010               | 0.037        | 0.035          | 0.036       | 0.041       | 0.035        | 0.039       | 0.046       | 0.058       |
| 8/3/2010               | 0.061        | 0.044          | 0.059       | 0.056       | 0.059        | 0.045       | 0.057       | 0.063       |
| 8/4/2010               | 0.055        | 0.045          | 0.063       | 0.050       | 0.067        | 0.030       | 0.054       | 0.048       |
| 8/5/2010               | 0.057        | 0.048          | 0.076       | 0.053       | 0.065        | 0.043       | 0.045       | 0.050       |
| 8/6/2010               | 0.050        | 0.047          | 0.047       | 0.061       | 0.050        | 0.057       | 0.056       | 0.053       |
| 8/7/2010               | 0.062        | 0.052          | 0.060       | 0.059       | 0.063        | 0.062       | 0.064       | 0.065       |
| 8/8/2010               | 0.075        | 0.058          | 0.061       | 0.069       | 0.056        | 0.048       | 0.062       | 0.058       |
| 8/9/2010               | 0.065        | 0.049          | 0.071       | 0.063       | 0.063        | 0.064       | 0.066       | 0.067       |
| 8/10/2010              | 0.065        | 0.050          | 0.061       | 0.060       | 0.085        | 0.052       | 0.067       | 0.047       |
| 8/11/2010              | 0.061        | 0.049          | 0.061       | 0.060       | 0.087        | 0.049       | 0.052       | 0.053       |
| 8/12/2010              | 0.056        | 0.053          | 0.057       | 0.054       | 0.060        | 0.066       | 0.066       | 0.047       |
| 8/13/2010              | 0.060        | 0.052          | 0.066       | 0.062       | 0.063        | 0.051       | 0.058       | 0.063       |
| 8/14/2010              | 0.047        | 0.051          | 0.050       | 0.048       | 0.041        | 0.039       | 0.042       | 0.041       |
| 8/15/2010              | 0.045        | 0.040          | 0.051       | 0.041       | 0.034        | 0.041       | 0.046       | 0.052       |
| 8/16/2010              | 0.047        | 0.036          | 0.045       | 0.048       | 0.044        | 0.049       | 0.047       | 0.054       |
| 8/17/2010              | 0.037        | 0.032          | 0.031       | 0.034       | 0.049        | 0.045       | 0.045       | 0.054       |
| 8/18/2010              | 0.037        | 0.032          | 0.039       | 0.038       | 0.042        | 0.040       | 0.037       | 0.043       |
| 8/19/2010              | 0.038        | 0.028          | 0.030       | 0.035       | 0.026        | 0.023       | 0.046       | 0.050       |
| 8/20/2010              | 0.056        | 0.042          | 0.041       | 0.045       | 0.060        | 0.055       | 0.053       | 0.058       |
| 8/21/2010              | 0.049        | 0.039          | 0.026       | 0.039       | 0.071        | 0.059       | 0.057       | 0.053       |
| 8/22/2010              | 0.045        | 0.049          | 0.047       | 0.049       | 0.047        | 0.050       | 0.044       | 0.036       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Waggin Trail | Linville Falls | Bent Creek  | Lenoir      | Cherry Grove | Pittsboro   | Wade        | Golfview    |
|------------------------|--------------|----------------|-------------|-------------|--------------|-------------|-------------|-------------|
| <b>County</b>          | Alexander    | Avery          | Buncombe    | Caldwell    | Caswell      | Chatham     | Cumberland  | Cumberland  |
| <b>AQS Code</b>        | 37-003-0004  | 37-011-0002    | 37-021-0030 | 37-027-0003 | 37-033-0001  | 37-037-0004 | 37-051-0008 | 37-051-1003 |
| <b>Latitude</b>        | 35.929000    | 35.972220      | 35.500000   | 35.935830   | 36.307030    | 35.757220   | 35.158690   | 34.968890   |
| <b>Longitude</b>       | -81.189800   | -81.933050     | -82.600000  | -81.530280  | -79.467420   | -79.159720  | -78.728040  | -78.962500  |
| <b>Exceedance days</b> | 0            | 0              | 0           | 0           | 0            | 0           | 0           | 0           |
| <b>Valid days</b>      | 214          | 214            | 214         | 214         | 214          | 211         | 214         | 214         |
| 8/23/2010              | 0.060        | 0.051          | 0.057       | 0.055       | 0.058        | 0.058       | 0.050       | 0.058       |
| 8/24/2010              | 0.050        | 0.044          | 0.064       | 0.052       | 0.047        | 0.049       | 0.053       | 0.057       |
| 8/25/2010              | 0.052        | 0.046          | 0.060       | 0.049       | 0.045        | 0.045       | 0.053       | 0.053       |
| 8/26/2010              | 0.063        | 0.051          | 0.064       | 0.067       | 0.059        | 0.066       | 0.062       | 0.057       |
| 8/27/2010              | 0.063        | 0.055          | 0.054       | 0.059       | 0.062        | 0.075       | 0.066       | 0.068       |
| 8/28/2010              | 0.066        | 0.053          | 0.054       | 0.063       | 0.065        | 0.057       | 0.059       | 0.057       |
| 8/29/2010              | 0.054        | 0.051          | 0.051       | 0.055       | 0.064        | 0.057       | 0.060       | 0.058       |
| 8/30/2010              | 0.061        | 0.050          | 0.058       | 0.065       | 0.054        | 0.067       | 0.064       | 0.058       |
| 8/31/2010              | 0.064        | 0.052          | 0.062       | 0.062       | 0.060        | 0.095       | 0.076       | 0.073       |
| 9/1/2010               | 0.076        | 0.053          | 0.086       | 0.066       | 0.071        | 0.070       | 0.065       | 0.065       |
| 9/2/2010               | 0.068        | 0.065          | 0.076       | 0.070       | 0.081        | 0.060       | 0.041       | 0.046       |
| 9/3/2010               | 0.065        | 0.065          | 0.066       | 0.066       | 0.066        | 0.074       | 0.076       | 0.073       |
| 9/4/2010               | 0.047        | 0.046          | 0.043       | 0.047       | 0.043        | 0.054       | 0.056       | 0.055       |
| 9/5/2010               | 0.056        | 0.049          | 0.052       | 0.051       | 0.051        | 0.056       | 0.052       | 0.054       |
| 9/6/2010               | 0.072        | 0.057          | 0.062       | 0.061       | 0.058        | 0.060       | 0.063       | 0.056       |
| 9/7/2010               | 0.061        | 0.057          | 0.070       | 0.061       | 0.066        | 0.054       | 0.056       | 0.055       |
| 9/8/2010               | 0.033        | 0.040          | 0.026       | 0.028       | 0.047        | 0.057       | 0.056       | 0.048       |
| 9/9/2010               | 0.063        | 0.065          | 0.059       | 0.066       | 0.065        | 0.077       | 0.076       | 0.066       |
| 9/10/2010              | 0.065        | 0.052          | 0.064       | 0.069       | 0.065        | 0.071       | 0.066       | 0.072       |
| 9/11/2010              | 0.036        | 0.048          | 0.033       | 0.040       | 0.044        | 0.046       | 0.053       | 0.046       |
| 9/12/2010              | 0.047        | 0.046          | 0.044       | 0.047       | 0.047        | 0.051       | 0.050       | 0.050       |
| 9/13/2010              | 0.052        | 0.050          | 0.056       | 0.050       | 0.057        | 0.058       | 0.062       | 0.067       |
| 9/14/2010              | 0.057        | 0.057          | 0.064       | 0.057       | 0.064        | 0.078       | 0.076       | 0.072       |
| 9/15/2010              | 0.078        | 0.064          | 0.066       | 0.063       | 0.065        | 0.077       | 0.071       | 0.068       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Waggin Trail | Linville Falls | Bent Creek  | Lenoir      | Cherry Grove | Pittsboro   | Wade        | Golfview    |
|------------------------|--------------|----------------|-------------|-------------|--------------|-------------|-------------|-------------|
| <b>County</b>          | Alexander    | Avery          | Buncombe    | Caldwell    | Caswell      | Chatham     | Cumberland  | Cumberland  |
| <b>AQS Code</b>        | 37-003-0004  | 37-011-0002    | 37-021-0030 | 37-027-0003 | 37-033-0001  | 37-037-0004 | 37-051-0008 | 37-051-1003 |
| <b>Latitude</b>        | 35.929000    | 35.972220      | 35.500000   | 35.935830   | 36.307030    | 35.757220   | 35.158690   | 34.968890   |
| <b>Longitude</b>       | -81.189800   | -81.933050     | -82.600000  | -81.530280  | -79.467420   | -79.159720  | -78.728040  | -78.962500  |
| <b>Exceedance days</b> | 0            | 0              | 0           | 0           | 0            | 0           | 0           | 0           |
| <b>Valid days</b>      | 214          | 214            | 214         | 214         | 214          | 211         | 214         | 214         |
| 9/16/2010              | 0.063        | 0.061          | 0.054       | 0.061       | 0.070        | 0.062       | 0.065       | 0.063       |
| 9/17/2010              | 0.055        | 0.049          | 0.050       | 0.053       | 0.056        | 0.059       | 0.063       | 0.060       |
| 9/18/2010              | 0.062        | 0.053          | 0.064       | 0.060       | 0.065        | 0.069       | 0.062       | 0.065       |
| 9/19/2010              | 0.059        | 0.052          | 0.054       | 0.057       | 0.070        | 0.073       | 0.061       | 0.063       |
| 9/20/2010              | 0.062        | 0.060          | 0.054       | 0.060       | 0.073        | 0.074       | 0.075       | 0.074       |
| 9/21/2010              | 0.084        | 0.070          | 0.065       | 0.081       | 0.070        | 0.068       | 0.063       | 0.061       |
| 9/22/2010              | 0.069        | 0.062          | 0.063       | 0.068       | 0.072        | 0.063       | 0.066       | 0.064       |
| 9/23/2010              | 0.080        | 0.063          | 0.071       | 0.068       | 0.067        | 0.072       | 0.082       | 0.071       |
| 9/24/2010              | 0.064        | 0.059          | 0.062       | 0.054       | 0.070        | 0.065       | 0.061       | 0.061       |
| 9/25/2010              | 0.049        | 0.041          | 0.045       | 0.044       | 0.061        | 0.054       | 0.058       | 0.056       |
| 9/26/2010              | 0.036        | 0.043          | 0.037       | 0.038       | 0.053        | 0.055       | 0.035       | 0.036       |
| 9/27/2010              | 0.029        | 0.038          | 0.033       | 0.031       | 0.022        | 0.017       | 0.019       | 0.025       |
| 9/28/2010              | 0.047        | 0.046          | 0.044       | 0.050       | 0.045        | 0.041       | 0.052       | 0.049       |
| 9/29/2010              | 0.031        | 0.040          | 0.039       | 0.031       | 0.024        | 0.022       | 0.026       | 0.024       |
| 9/30/2010              | 0.049        | 0.045          | 0.048       | 0.050       | 0.029        | 0.024       | 0.018       | 0.026       |
| 10/1/2010              | 0.051        | 0.045          | 0.051       | 0.050       | 0.042        | 0.002       | 0.049       | 0.050       |
| 10/2/2010              | 0.048        | 0.046          | 0.052       | 0.049       | 0.043        | 0.002       | 0.047       | 0.048       |
| 10/3/2010              | 0.038        | 0.032          | 0.042       | 0.038       | 0.042        | 0.002       | 0.033       | 0.036       |
| 10/4/2010              | 0.038        | 0.031          | 0.029       | 0.037       | 0.040        | 0.002       | 0.042       | 0.043       |
| 10/5/2010              | 0.036        | 0.033          | 0.035       | 0.035       | 0.040        | 0.002       | 0.041       | 0.042       |
| 10/6/2010              | 0.048        | 0.048          | 0.043       | 0.048       | 0.043        | 0.002       | 0.047       | 0.047       |
| 10/7/2010              | 0.064        | 0.065          | 0.065       | 0.066       | 0.066        | 0.002       | 0.066       | 0.067       |
| 10/8/2010              | 0.060        | 0.062          | 0.063       | 0.064       | 0.060        | 0.002       | 0.054       | 0.062       |
| 10/9/2010              | 0.066        | 0.065          | 0.067       | 0.067       | 0.064        | 0.002       | 0.068       | 0.067       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Waggin Trail | Linville Falls | Bent Creek  | Lenoir      | Cherry Grove | Pittsboro   | Wade        | Golfview    |
|------------------------|--------------|----------------|-------------|-------------|--------------|-------------|-------------|-------------|
| <b>County</b>          | Alexander    | Avery          | Buncombe    | Caldwell    | Caswell      | Chatham     | Cumberland  | Cumberland  |
| <b>AQS Code</b>        | 37-003-0004  | 37-011-0002    | 37-021-0030 | 37-027-0003 | 37-033-0001  | 37-037-0004 | 37-051-0008 | 37-051-1003 |
| <b>Latitude</b>        | 35.929000    | 35.972220      | 35.500000   | 35.935830   | 36.307030    | 35.757220   | 35.158690   | 34.968890   |
| <b>Longitude</b>       | -81.189800   | -81.933050     | -82.600000  | -81.530280  | -79.467420   | -79.159720  | -78.728040  | -78.962500  |
| <b>Exceedance days</b> | 0            | 0              | 0           | 0           | 0            | 0           | 0           | 0           |
| <b>Valid days</b>      | 214          | 214            | 214         | 214         | 214          | 211         | 214         | 214         |
| 10/10/2010             | 0.070        | 0.064          | 0.063       | 0.066       | 0.071        | 0.002       | 0.078       | 0.070       |
| 10/11/2010             | 0.064        | 0.058          | 0.067       | 0.063       | 0.069        | 0.002       | 0.071       | 0.069       |
| 10/12/2010             | 0.074        | 0.072          | 0.058       | 0.066       | 0.079        | 0.002       | 0.075       | 0.072       |
| 10/13/2010             | 0.059        | 0.057          | 0.061       | 0.059       | 0.054        | 0.002       | 0.069       | 0.075       |
| 10/14/2010             | 0.045        | 0.043          | 0.044       | 0.044       | 0.041        | 0.002       | 0.044       | 0.049       |
| 10/15/2010             | 0.049        | 0.048          | 0.048       | 0.050       | 0.041        | 0.002       | 0.048       | 0.049       |
| 10/16/2010             | 0.048        | 0.049          | 0.043       | 0.048       | 0.045        | 0.002       | 0.043       | 0.044       |
| 10/17/2010             | 0.055        | 0.053          | 0.055       | 0.050       | 0.053        | 0.002       | 0.051       | 0.054       |
| 10/18/2010             | 0.062        | 0.062          | 0.059       | 0.059       | 0.063        | 0.002       | 0.060       | 0.059       |
| 10/19/2010             | 0.067        | 0.069          | 0.067       | 0.066       | 0.047        | 0.002       | 0.065       | 0.063       |
| 10/20/2010             | 0.048        | 0.053          | 0.049       | 0.049       | 0.018        | 0.002       | 0.031       | 0.032       |
| 10/21/2010             | 0.053        | 0.055          | 0.047       | 0.053       | 0.054        | 0.002       | 0.056       | 0.056       |
| 10/22/2010             | 0.048        | 0.050          | 0.049       | 0.047       | 0.041        | 0.002       | 0.044       | 0.043       |
| 10/23/2010             | 0.062        | 0.058          | 0.056       | 0.058       | 0.055        | 0.002       | 0.055       | 0.054       |
| 10/24/2010             | 0.055        | 0.054          | 0.049       | 0.053       | 0.054        | 0.002       | 0.050       | 0.048       |
| 10/25/2010             | 0.032        | 0.039          | 0.035       | 0.030       | 0.033        | 0.002       | 0.035       | 0.036       |
| 10/26/2010             | 0.021        | 0.023          | 0.022       | 0.020       | 0.023        | 0.002       | 0.023       | 0.023       |
| 10/27/2010             | 0.020        | 0.024          | 0.019       | 0.023       | 0.024        | 0.002       | 0.026       | 0.027       |
| 10/28/2010             | 0.048        | 0.045          | 0.037       | 0.048       | 0.039        | 0.002       | 0.031       | 0.031       |
| 10/29/2010             | 0.040        | 0.043          | 0.039       | 0.042       | 0.035        | 0.002       | 0.034       | 0.036       |
| 10/30/2010             | 0.047        | 0.045          | 0.048       | 0.048       | 0.042        | 0.002       | 0.040       | 0.041       |
| 10/31/2010             | 0.052        | 0.053          | 0.051       | 0.052       | 0.052        | 0.002       | 0.053       | 0.051       |

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Waggin Trail | Linville Falls | Bent Creek  | Lenoir      | Cherry Grove | Pittsboro   | Wade        | Golfview    |
|------------------------|--------------|----------------|-------------|-------------|--------------|-------------|-------------|-------------|
| <b>County</b>          | Alexander    | Avery          | Buncombe    | Caldwell    | Caswell      | Chatham     | Cumberland  | Cumberland  |
| <b>AQS Code</b>        | 37-003-0004  | 37-011-0002    | 37-021-0030 | 37-027-0003 | 37-033-0001  | 37-037-0004 | 37-051-0008 | 37-051-1003 |
| <b>Latitude</b>        | 35.929000    | 35.972220      | 35.500000   | 35.935830   | 36.307030    | 35.757220   | 35.158690   | 34.968890   |
| <b>Longitude</b>       | -81.189800   | -81.933050     | -82.600000  | -81.530280  | -79.467420   | -79.159720  | -78.728040  | -78.962500  |
| <b>Exceedance days</b> | 0            | 0              | 0           | 0           | 0            | 0           | 0           | 0           |
| <b>Valid days</b>      | 214          | 214            | 214         | 214         | 214          | 211         | 214         | 214         |
| <b>Max conc rank</b>   |              |                |             |             |              |             |             |             |
| 1                      | 0.092        | 0.087          | 0.086       | 0.084       | 0.087        | 0.095       | 0.094       | 0.094       |
| 2                      | 0.088        | 0.077          | 0.082       | 0.082       | 0.087        | 0.085       | 0.091       | 0.089       |
| 3                      | 0.084        | 0.076          | 0.077       | 0.081       | 0.085        | 0.078       | 0.082       | 0.085       |
| 4                      | 0.081        | 0.076          | 0.077       | 0.079       | 0.081        | 0.077       | 0.082       | 0.081       |
| 5                      | 0.080        | 0.075          | 0.077       | 0.075       | 0.081        | 0.077       | 0.078       | 0.079       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name         | Mocksville  | Durham<br>Armory | Leggett     | Hattie Ave. | Shiloh Church | Clemmons    | Union Cross | Franklin    |
|-------------------|-------------|------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| <b>County</b>     | Davie       | Durham           | Edgecombe   | Forsyth     | Forsyth       | Forsyth     | Forsyth     | Franklin    |
| <b>AQS Code</b>   | 37-059-0003 | 37-063-0015      | 37-065-0099 | 37-067-0022 | 37-067-0028   | 37-067-0030 | 37-067-1008 | 37-069-0001 |
| <b>Latitude</b>   | 35.897060   | 35.991940        | 35.988330   | 36.110560   | 36.203060     | 36.026000   | 36.050830   | 36.096190   |
| <b>Longitude</b>  | -80.557280  | -78.896390       | -77.582780  | -80.226670  | -80.215830    | -80.342000  | -80.143890  | -78.463720  |
| <b>Exceedance</b> |             |                  |             |             |               |             |             |             |
| <b>days</b>       | 0           | 0                | 0           | 0           | 0             | 0           | 0           | 0           |
| <b>Valid days</b> | 214         | 214              | 214         | 214         | 211           | 214         | 214         | 214         |
| 4/1/2010          | 0.069       | 0.074            | 0.063       | 0.067       | 0.071         | 0.073       | 0.071       | 0.065       |
| 4/2/2010          | 0.091       | 0.077            | 0.077       | 0.086       | 0.090         | 0.095       | 0.084       | 0.078       |
| 4/3/2010          | 0.072       | 0.059            | 0.066       | 0.072       | 0.074         | 0.075       | 0.072       | 0.064       |
| 4/4/2010          | 0.067       | 0.066            | 0.068       | 0.061       | 0.064         | 0.063       | 0.066       | 0.063       |
| 4/5/2010          | 0.063       | 0.059            | 0.065       | 0.054       | 0.060         | 0.063       | 0.061       | 0.062       |
| 4/6/2010          | 0.067       | 0.058            | 0.067       | 0.063       | 0.071         | 0.071       | 0.070       | 0.060       |
| 4/7/2010          | 0.063       | 0.057            | 0.065       | 0.058       | 0.064         | 0.064       | 0.067       | 0.057       |
| 4/8/2010          | 0.039       | 0.044            | 0.051       | 0.040       | 0.044         | 0.043       | 0.047       | 0.047       |
| 4/9/2010          | 0.053       | 0.049            | 0.052       | 0.049       | 0.055         | 0.056       | 0.054       | 0.049       |
| 4/10/2010         | 0.056       | 0.055            | 0.058       | 0.062       | 0.060         | 0.061       | 0.060       | 0.055       |
| 4/11/2010         | 0.068       | 0.060            | 0.062       | 0.070       | 0.069         | 0.070       | 0.070       | 0.066       |
| 4/12/2010         | 0.075       | 0.069            | 0.070       | 0.072       | 0.072         | 0.076       | 0.072       | 0.068       |
| 4/13/2010         | 0.076       | 0.066            | 0.071       | 0.075       | 0.078         | 0.078       | 0.078       | 0.069       |
| 4/14/2010         | 0.049       | 0.046            | 0.054       | 0.050       | 0.048         | 0.051       | 0.050       | 0.046       |
| 4/15/2010         | 0.070       | 0.061            | 0.065       | 0.072       | 0.074         | 0.070       | 0.074       | 0.063       |
| 4/16/2010         | 0.072       | 0.076            | 0.081       | 0.068       |               | 0.072       | 0.073       | 0.076       |
| 4/17/2010         | 0.058       | 0.055            | 0.056       | 0.061       |               | 0.061       | 0.063       | 0.058       |
| 4/18/2010         | 0.049       | 0.051            | 0.053       | 0.053       |               | 0.055       | 0.051       | 0.052       |
| 4/19/2010         | 0.050       | 0.050            | 0.046       | 0.055       | 0.050         | 0.055       | 0.054       | 0.048       |
| 4/20/2010         | 0.061       | 0.059            | 0.060       | 0.063       | 0.062         | 0.062       | 0.063       | 0.063       |
| 4/21/2010         | 0.055       | 0.052            | 0.047       | 0.053       | 0.056         | 0.059       | 0.054       | 0.042       |
| 4/22/2010         | 0.065       | 0.066            | 0.067       | 0.068       | 0.069         | 0.069       | 0.069       | 0.067       |
| 4/23/2010         | 0.061       | 0.045            | 0.065       | 0.059       | 0.058         | 0.063       | 0.059       | 0.051       |
| 4/24/2010         | 0.059       | 0.066            | 0.064       | 0.062       | 0.061         | 0.060       | 0.059       | 0.058       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name         | Mocksville  | Durham<br>Armory | Leggett     | Hattie Ave. | Shiloh Church | Clemmons    | Union Cross | Franklin    |
|-------------------|-------------|------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| <b>County</b>     | Davie       | Durham           | Edgecombe   | Forsyth     | Forsyth       | Forsyth     | Forsyth     | Franklin    |
| <b>AQS Code</b>   | 37-059-0003 | 37-063-0015      | 37-065-0099 | 37-067-0022 | 37-067-0028   | 37-067-0030 | 37-067-1008 | 37-069-0001 |
| <b>Latitude</b>   | 35.897060   | 35.991940        | 35.988330   | 36.110560   | 36.203060     | 36.026000   | 36.050830   | 36.096190   |
| <b>Longitude</b>  | -80.557280  | -78.896390       | -77.582780  | -80.226670  | -80.215830    | -80.342000  | -80.143890  | -78.463720  |
| <b>Exceedance</b> |             |                  |             |             |               |             |             |             |
| <b>days</b>       | 0           | 0                | 0           | 0           | 0             | 0           | 0           | 0           |
| <b>Valid days</b> | 214         | 214              | 214         | 214         | 211           | 214         | 214         | 214         |
| 4/25/2010         | 0.054       | 0.039            | 0.043       | 0.052       | 0.053         | 0.055       | 0.064       | 0.038       |
| 4/26/2010         | 0.048       | 0.050            | 0.053       | 0.046       | 0.047         | 0.047       | 0.048       | 0.053       |
| 4/27/2010         | 0.047       | 0.044            | 0.045       | 0.046       | 0.047         | 0.049       | 0.048       | 0.046       |
| 4/28/2010         | 0.048       | 0.047            | 0.049       | 0.050       | 0.050         | 0.050       | 0.050       | 0.048       |
| 4/29/2010         | 0.066       | 0.057            | 0.063       | 0.066       | 0.064         | 0.068       | 0.068       | 0.057       |
| 4/30/2010         | 0.069       | 0.061            | 0.074       | 0.070       | 0.072         | 0.071       | 0.075       | 0.063       |
| 5/1/2010          | 0.044       | 0.045            | 0.056       | 0.048       | 0.046         | 0.047       | 0.050       | 0.044       |
| 5/2/2010          | 0.034       | 0.034            | 0.036       | 0.036       | 0.035         | 0.036       | 0.036       | 0.034       |
| 5/3/2010          | 0.026       | 0.028            | 0.030       | 0.029       | 0.028         | 0.029       | 0.031       | 0.027       |
| 5/4/2010          | 0.064       | 0.055            | 0.040       | 0.061       | 0.061         | 0.060       | 0.068       | 0.054       |
| 5/5/2010          | 0.076       | 0.075            | 0.070       | 0.078       | 0.079         | 0.077       | 0.075       | 0.086       |
| 5/6/2010          | 0.076       | 0.077            | 0.076       | 0.073       | 0.069         | 0.078       | 0.078       | 0.080       |
| 5/7/2010          | 0.085       | 0.087            | 0.075       | 0.086       | 0.084         | 0.088       | 0.087       | 0.080       |
| 5/8/2010          | 0.061       | 0.060            | 0.058       | 0.059       | 0.059         | 0.063       | 0.059       | 0.055       |
| 5/9/2010          | 0.046       | 0.046            | 0.044       | 0.046       | 0.047         | 0.048       | 0.048       | 0.045       |
| 5/10/2010         | 0.056       | 0.055            | 0.056       | 0.061       | 0.060         | 0.061       | 0.062       | 0.052       |
| 5/11/2010         | 0.039       | 0.048            | 0.057       | 0.039       | 0.039         | 0.043       | 0.043       | 0.051       |
| 5/12/2010         | 0.050       | 0.049            | 0.046       | 0.052       | 0.045         | 0.054       | 0.056       | 0.046       |
| 5/13/2010         | 0.059       | 0.038            | 0.041       | 0.049       | 0.040         | 0.068       | 0.058       | 0.033       |
| 5/14/2010         | 0.067       | 0.056            | 0.058       | 0.076       | 0.067         | 0.073       | 0.080       | 0.053       |
| 5/15/2010         | 0.050       | 0.053            | 0.054       | 0.051       | 0.048         | 0.051       | 0.057       | 0.046       |
| 5/16/2010         | 0.049       | 0.041            | 0.053       | 0.053       | 0.054         | 0.057       | 0.050       | 0.043       |
| 5/17/2010         | 0.033       | 0.042            | 0.045       | 0.037       | 0.039         | 0.040       | 0.037       | 0.045       |
| 5/18/2010         | 0.034       | 0.033            | 0.033       | 0.037       | 0.036         | 0.038       | 0.042       | 0.031       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Mocksville  | Durham<br>Armory | Leggett     | Hattie Ave. | Shiloh Church | Clemmons    | Union Cross | Franklin    |
|----------------------------|-------------|------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| <b>County</b>              | Davie       | Durham           | Edgecombe   | Forsyth     | Forsyth       | Forsyth     | Forsyth     | Franklin    |
| <b>AQS Code</b>            | 37-059-0003 | 37-063-0015      | 37-065-0099 | 37-067-0022 | 37-067-0028   | 37-067-0030 | 37-067-1008 | 37-069-0001 |
| <b>Latitude</b>            | 35.897060   | 35.991940        | 35.988330   | 36.110560   | 36.203060     | 36.026000   | 36.050830   | 36.096190   |
| <b>Longitude</b>           | -80.557280  | -78.896390       | -77.582780  | -80.226670  | -80.215830    | -80.342000  | -80.143890  | -78.463720  |
| <b>Exceedance<br/>days</b> | 0           | 0                | 0           | 0           | 0             | 0           | 0           | 0           |
| <b>Valid days</b>          | 214         | 214              | 214         | 214         | 211           | 214         | 214         | 214         |
| 5/19/2010                  | 0.050       | 0.035            | 0.033       | 0.050       | 0.042         | 0.051       | 0.051       | 0.032       |
| 5/20/2010                  | 0.053       | 0.048            | 0.055       | 0.060       | 0.053         | 0.061       | 0.060       | 0.051       |
| 5/21/2010                  | 0.054       | 0.073            | 0.058       | 0.069       | 0.062         | 0.063       | 0.061       | 0.058       |
| 5/22/2010                  | 0.054       | 0.052            | 0.058       | 0.053       | 0.049         | 0.053       | 0.049       | 0.052       |
| 5/23/2010                  | 0.050       | 0.042            | 0.045       | 0.056       | 0.052         | 0.054       | 0.050       | 0.043       |
| 5/24/2010                  | 0.051       | 0.029            | 0.033       | 0.050       | 0.042         | 0.052       | 0.049       | 0.033       |
| 5/25/2010                  | 0.034       | 0.028            | 0.042       | 0.032       | 0.032         | 0.036       | 0.033       | 0.033       |
| 5/26/2010                  | 0.053       | 0.049            | 0.043       | 0.057       | 0.053         | 0.055       | 0.054       | 0.051       |
| 5/27/2010                  | 0.063       | 0.076            | 0.065       | 0.065       | 0.059         | 0.070       | 0.065       | 0.059       |
| 5/28/2010                  | 0.065       | 0.070            | 0.052       | 0.084       | 0.068         | 0.067       | 0.071       | 0.057       |
| 5/29/2010                  | 0.051       | 0.047            | 0.051       | 0.059       | 0.058         | 0.055       | 0.053       | 0.050       |
| 5/30/2010                  | 0.050       | 0.034            | 0.037       | 0.049       | 0.046         | 0.047       | 0.054       | 0.033       |
| 5/31/2010                  | 0.033       | 0.038            | 0.044       | 0.036       | 0.034         | 0.035       | 0.035       | 0.038       |
| 6/1/2010                   | 0.048       | 0.039            | 0.044       | 0.051       | 0.047         | 0.049       | 0.049       | 0.043       |
| 6/2/2010                   | 0.062       | 0.059            | 0.048       | 0.073       | 0.075         | 0.068       | 0.061       | 0.048       |
| 6/3/2010                   | 0.063       | 0.053            | 0.058       | 0.062       | 0.059         | 0.052       | 0.068       | 0.052       |
| 6/4/2010                   | 0.065       | 0.056            | 0.059       | 0.066       | 0.063         | 0.063       | 0.076       | 0.056       |
| 6/5/2010                   | 0.037       | 0.047            | 0.043       | 0.043       | 0.038         | 0.040       | 0.047       | 0.048       |
| 6/6/2010                   | 0.038       | 0.045            | 0.044       | 0.045       | 0.042         | 0.043       | 0.041       | 0.043       |
| 6/7/2010                   | 0.048       | 0.047            | 0.045       | 0.054       | 0.051         | 0.051       | 0.053       | 0.044       |
| 6/8/2010                   | 0.065       | 0.057            | 0.060       | 0.072       | 0.064         | 0.064       | 0.066       | 0.048       |
| 6/9/2010                   | 0.056       | 0.046            | 0.058       | 0.058       | 0.057         | 0.059       | 0.056       | 0.053       |
| 6/10/2010                  | 0.041       | 0.061            | 0.062       | 0.048       | 0.043         | 0.045       | 0.047       | 0.060       |
| 6/11/2010                  | 0.074       | 0.069            | 0.073       | 0.075       | 0.070         | 0.082       | 0.080       | 0.065       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Mocksville  | Durham<br>Armory | Leggett     | Hattie Ave. | Shiloh Church | Clemmons    | Union Cross | Franklin    |
|----------------------------|-------------|------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| <b>County</b>              | Davie       | Durham           | Edgecombe   | Forsyth     | Forsyth       | Forsyth     | Forsyth     | Franklin    |
| <b>AQS Code</b>            | 37-059-0003 | 37-063-0015      | 37-065-0099 | 37-067-0022 | 37-067-0028   | 37-067-0030 | 37-067-1008 | 37-069-0001 |
| <b>Latitude</b>            | 35.897060   | 35.991940        | 35.988330   | 36.110560   | 36.203060     | 36.026000   | 36.050830   | 36.096190   |
| <b>Longitude</b>           | -80.557280  | -78.896390       | -77.582780  | -80.226670  | -80.215830    | -80.342000  | -80.143890  | -78.463720  |
| <b>Exceedance<br/>days</b> | 0           | 0                | 0           | 0           | 0             | 0           | 0           | 0           |
| <b>Valid days</b>          | 214         | 214              | 214         | 214         | 211           | 214         | 214         | 214         |
| 6/12/2010                  | 0.079       | 0.070            | 0.073       | 0.074       | 0.070         | 0.077       | 0.077       | 0.069       |
| 6/13/2010                  | 0.037       | 0.042            | 0.044       | 0.040       | 0.034         | 0.039       | 0.039       | 0.037       |
| 6/14/2010                  | 0.042       | 0.044            | 0.053       | 0.048       | 0.041         | 0.048       | 0.047       | 0.052       |
| 6/15/2010                  | 0.043       | 0.054            | 0.052       | 0.068       | 0.060         | 0.062       | 0.052       | 0.050       |
| 6/16/2010                  | 0.063       | 0.073            | 0.054       | 0.056       | 0.047         | 0.048       | 0.057       | 0.046       |
| 6/17/2010                  | 0.050       | 0.057            | 0.059       | 0.061       | 0.057         | 0.057       | 0.059       | 0.060       |
| 6/18/2010                  | 0.068       | 0.059            | 0.058       | 0.073       | 0.064         | 0.079       | 0.077       | 0.056       |
| 6/19/2010                  | 0.072       | 0.065            | 0.058       | 0.069       | 0.064         | 0.068       | 0.063       | 0.058       |
| 6/20/2010                  | 0.053       | 0.055            | 0.063       | 0.057       | 0.051         | 0.056       | 0.053       | 0.064       |
| 6/21/2010                  | 0.058       | 0.071            | 0.060       | 0.079       | 0.063         | 0.076       | 0.075       | 0.053       |
| 6/22/2010                  | 0.055       | 0.068            | 0.074       | 0.073       | 0.051         | 0.061       | 0.076       | 0.075       |
| 6/23/2010                  | 0.066       | 0.054            | 0.062       | 0.063       | 0.055         | 0.063       | 0.072       | 0.063       |
| 6/24/2010                  | 0.058       | 0.063            | 0.075       | 0.053       | 0.045         | 0.054       | 0.055       | 0.062       |
| 6/25/2010                  | 0.057       | 0.059            | 0.073       | 0.061       | 0.052         | 0.062       | 0.067       | 0.055       |
| 6/26/2010                  | 0.054       | 0.064            | 0.069       | 0.062       | 0.058         | 0.061       | 0.063       | 0.066       |
| 6/27/2010                  | 0.061       | 0.059            | 0.060       | 0.066       | 0.054         | 0.067       | 0.069       | 0.057       |
| 6/28/2010                  | 0.052       | 0.061            | 0.065       | 0.057       | 0.053         | 0.057       | 0.057       | 0.061       |
| 6/29/2010                  | 0.051       | 0.051            | 0.067       | 0.057       | 0.052         | 0.053       | 0.056       | 0.051       |
| 6/30/2010                  | 0.067       | 0.051            | 0.045       | 0.063       | 0.055         | 0.073       | 0.065       | 0.044       |
| 7/1/2010                   | 0.065       | 0.056            | 0.062       | 0.065       | 0.061         | 0.066       | 0.062       | 0.060       |
| 7/2/2010                   | 0.074       | 0.056            | 0.057       | 0.068       | 0.060         | 0.075       | 0.064       | 0.055       |
| 7/3/2010                   | 0.071       | 0.064            | 0.062       | 0.082       | 0.070         | 0.079       | 0.074       | 0.056       |
| 7/4/2010                   | 0.076       | 0.064            | 0.069       | 0.081       | 0.077         | 0.074       | 0.077       | 0.069       |
| 7/5/2010                   | 0.078       | 0.060            | 0.064       | 0.083       | 0.077         | 0.084       | 0.073       | 0.070       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Mocksville  | Durham<br>Armory | Leggett     | Hattie Ave. | Shiloh Church | Clemmons    | Union Cross | Franklin    |
|----------------------------|-------------|------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| <b>County</b>              | Davie       | Durham           | Edgecombe   | Forsyth     | Forsyth       | Forsyth     | Forsyth     | Franklin    |
| <b>AQS Code</b>            | 37-059-0003 | 37-063-0015      | 37-065-0099 | 37-067-0022 | 37-067-0028   | 37-067-0030 | 37-067-1008 | 37-069-0001 |
| <b>Latitude</b>            | 35.897060   | 35.991940        | 35.988330   | 36.110560   | 36.203060     | 36.026000   | 36.050830   | 36.096190   |
| <b>Longitude</b>           | -80.557280  | -78.896390       | -77.582780  | -80.226670  | -80.215830    | -80.342000  | -80.143890  | -78.463720  |
| <b>Exceedance<br/>days</b> | 0           | 0                | 0           | 0           | 0             | 0           | 0           | 0           |
| <b>Valid days</b>          | 214         | 214              | 214         | 214         | 211           | 214         | 214         | 214         |
| 7/6/2010                   | 0.077       | 0.079            | 0.077       | 0.073       | 0.068         | 0.071       | 0.065       | 0.062       |
| 7/7/2010                   | 0.069       | 0.081            | 0.089       | 0.103       | 0.094         | 0.093       | 0.098       | 0.073       |
| 7/8/2010                   | 0.081       | 0.088            | 0.057       | 0.086       | 0.077         | 0.086       | 0.081       | 0.085       |
| 7/9/2010                   | 0.075       | 0.073            | 0.059       | 0.104       | 0.093         | 0.083       | 0.096       | 0.062       |
| 7/10/2010                  | 0.051       | 0.048            | 0.054       | 0.050       | 0.048         | 0.052       | 0.048       | 0.048       |
| 7/11/2010                  | 0.060       | 0.059            | 0.065       | 0.068       | 0.057         | 0.065       | 0.068       | 0.056       |
| 7/12/2010                  | 0.036       | 0.054            | 0.048       | 0.040       | 0.039         | 0.037       | 0.036       | 0.049       |
| 7/13/2010                  | 0.062       | 0.041            | 0.052       | 0.064       | 0.062         | 0.062       | 0.053       | 0.054       |
| 7/14/2010                  | 0.053       | 0.062            | 0.057       | 0.056       | 0.052         | 0.054       | 0.055       | 0.056       |
| 7/15/2010                  | 0.059       | 0.082            | 0.069       | 0.084       | 0.079         | 0.072       | 0.068       | 0.062       |
| 7/16/2010                  | 0.075       | 0.052            | 0.060       | 0.073       | 0.069         | 0.072       | 0.069       | 0.060       |
| 7/17/2010                  | 0.049       | 0.047            | 0.049       | 0.049       | 0.047         | 0.053       | 0.047       | 0.046       |
| 7/18/2010                  | 0.054       | 0.043            | 0.047       | 0.053       | 0.044         | 0.059       | 0.047       | 0.046       |
| 7/19/2010                  | 0.050       | 0.045            | 0.040       | 0.050       | 0.044         | 0.052       | 0.049       | 0.037       |
| 7/20/2010                  | 0.052       | 0.054            | 0.048       | 0.057       | 0.048         | 0.052       | 0.051       | 0.045       |
| 7/21/2010                  | 0.044       | 0.051            | 0.057       | 0.041       | 0.035         | 0.041       | 0.040       | 0.052       |
| 7/22/2010                  | 0.060       | 0.053            | 0.065       | 0.080       | 0.059         | 0.062       | 0.069       | 0.063       |
| 7/23/2010                  | 0.053       | 0.064            | 0.063       | 0.057       | 0.049         | 0.056       | 0.067       | 0.059       |
| 7/24/2010                  | 0.067       | 0.048            | 0.056       | 0.066       | 0.060         | 0.064       | 0.061       | 0.053       |
| 7/25/2010                  | 0.074       | 0.051            | 0.051       | 0.067       | 0.044         | 0.069       | 0.065       | 0.047       |
| 7/26/2010                  | 0.065       | 0.060            | 0.058       | 0.069       | 0.053         | 0.068       | 0.062       | 0.055       |
| 7/27/2010                  | 0.050       | 0.040            | 0.036       | 0.060       | 0.055         | 0.052       | 0.048       | 0.040       |
| 7/28/2010                  | 0.052       | 0.056            | 0.051       | 0.065       | 0.052         | 0.058       | 0.050       | 0.056       |
| 7/29/2010                  | 0.048       | 0.054            | 0.058       | 0.053       | 0.047         | 0.052       | 0.050       | 0.053       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Mocksville  | Durham<br>Armory | Leggett     | Hattie Ave. | Shiloh Church | Clemmons    | Union Cross | Franklin    |
|----------------------------|-------------|------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| <b>County</b>              | Davie       | Durham           | Edgecombe   | Forsyth     | Forsyth       | Forsyth     | Forsyth     | Franklin    |
| <b>AQS Code</b>            | 37-059-0003 | 37-063-0015      | 37-065-0099 | 37-067-0022 | 37-067-0028   | 37-067-0030 | 37-067-1008 | 37-069-0001 |
| <b>Latitude</b>            | 35.897060   | 35.991940        | 35.988330   | 36.110560   | 36.203060     | 36.026000   | 36.050830   | 36.096190   |
| <b>Longitude</b>           | -80.557280  | -78.896390       | -77.582780  | -80.226670  | -80.215830    | -80.342000  | -80.143890  | -78.463720  |
| <b>Exceedance<br/>days</b> | 0           | 0                | 0           | 0           | 0             | 0           | 0           | 0           |
| <b>Valid days</b>          | 214         | 214              | 214         | 214         | 211           | 214         | 214         | 214         |
| 7/30/2010                  | 0.064       | 0.060            | 0.059       | 0.068       | 0.058         | 0.074       | 0.064       | 0.060       |
| 7/31/2010                  | 0.036       | 0.042            | 0.050       | 0.040       | 0.039         | 0.042       | 0.039       | 0.040       |
| 8/1/2010                   | 0.033       | 0.037            | 0.041       | 0.034       | 0.033         | 0.035       | 0.032       | 0.034       |
| 8/2/2010                   | 0.044       | 0.042            | 0.045       | 0.047       | 0.043         | 0.044       | 0.043       | 0.038       |
| 8/3/2010                   | 0.063       | 0.059            | 0.050       | 0.066       | 0.058         | 0.062       | 0.053       | 0.051       |
| 8/4/2010                   | 0.071       | 0.043            | 0.059       | 0.076       | 0.060         | 0.070       | 0.062       | 0.053       |
| 8/5/2010                   | 0.070       | 0.045            | 0.053       | 0.068       | 0.063         | 0.070       | 0.059       | 0.048       |
| 8/6/2010                   | 0.052       | 0.056            | 0.065       | 0.061       | 0.056         | 0.056       | 0.058       | 0.050       |
| 8/7/2010                   | 0.069       | 0.064            | 0.057       | 0.068       | 0.063         | 0.074       | 0.067       | 0.063       |
| 8/8/2010                   | 0.061       | 0.057            | 0.057       | 0.068       | 0.065         | 0.066       | 0.059       | 0.056       |
| 8/9/2010                   | 0.080       | 0.072            | 0.053       | 0.078       | 0.065         | 0.071       | 0.064       | 0.053       |
| 8/10/2010                  | 0.081       | 0.061            | 0.064       | 0.076       | 0.065         | 0.075       | 0.069       | 0.057       |
| 8/11/2010                  | 0.070       | 0.066            | 0.074       | 0.071       | 0.063         | 0.067       | 0.070       | 0.070       |
| 8/12/2010                  | 0.058       | 0.060            | 0.070       | 0.064       | 0.058         | 0.060       | 0.062       | 0.054       |
| 8/13/2010                  | 0.071       | 0.057            | 0.057       | 0.063       | 0.065         | 0.067       | 0.063       | 0.052       |
| 8/14/2010                  | 0.043       | 0.039            | 0.036       | 0.046       | 0.043         | 0.045       | 0.042       | 0.039       |
| 8/15/2010                  | 0.039       | 0.048            | 0.040       | 0.035       | 0.034         | 0.037       | 0.031       | 0.038       |
| 8/16/2010                  | 0.047       | 0.059            | 0.050       | 0.056       | 0.054         | 0.050       | 0.043       | 0.054       |
| 8/17/2010                  | 0.057       | 0.056            | 0.046       | 0.051       | 0.041         | 0.058       | 0.045       | 0.056       |
| 8/18/2010                  | 0.045       | 0.054            | 0.044       | 0.042       | 0.034         | 0.042       | 0.042       | 0.038       |
| 8/19/2010                  | 0.041       | 0.034            | 0.030       | 0.037       | 0.031         | 0.041       | 0.037       | 0.029       |
| 8/20/2010                  | 0.067       | 0.064            | 0.065       | 0.063       | 0.063         | 0.067       | 0.060       | 0.069       |
| 8/21/2010                  | 0.058       | 0.066            | 0.066       | 0.067       | 0.062         | 0.065       | 0.059       | 0.057       |
| 8/22/2010                  | 0.047       | 0.058            | 0.043       | 0.051       | 0.045         | 0.048       | 0.046       | 0.043       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Mocksville  | Durham<br>Armory | Leggett     | Hattie Ave. | Shiloh Church | Clemmons    | Union Cross | Franklin    |
|----------------------------|-------------|------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| <b>County</b>              | Davie       | Durham           | Edgecombe   | Forsyth     | Forsyth       | Forsyth     | Forsyth     | Franklin    |
| <b>AQS Code</b>            | 37-059-0003 | 37-063-0015      | 37-065-0099 | 37-067-0022 | 37-067-0028   | 37-067-0030 | 37-067-1008 | 37-069-0001 |
| <b>Latitude</b>            | 35.897060   | 35.991940        | 35.988330   | 36.110560   | 36.203060     | 36.026000   | 36.050830   | 36.096190   |
| <b>Longitude</b>           | -80.557280  | -78.896390       | -77.582780  | -80.226670  | -80.215830    | -80.342000  | -80.143890  | -78.463720  |
| <b>Exceedance<br/>days</b> | 0           | 0                | 0           | 0           | 0             | 0           | 0           | 0           |
| <b>Valid days</b>          | 214         | 214              | 214         | 214         | 211           | 214         | 214         | 214         |
| 8/23/2010                  | 0.057       | 0.053            | 0.064       | 0.066       | 0.053         | 0.070       | 0.057       | 0.049       |
| 8/24/2010                  | 0.052       | 0.050            | 0.046       | 0.055       | 0.058         | 0.059       | 0.050       | 0.037       |
| 8/25/2010                  | 0.051       | 0.045            | 0.044       | 0.048       | 0.042         | 0.049       | 0.046       | 0.035       |
| 8/26/2010                  | 0.060       | 0.064            | 0.056       | 0.078       | 0.068         | 0.069       | 0.074       | 0.051       |
| 8/27/2010                  | 0.067       | 0.069            | 0.055       | 0.065       | 0.064         | 0.074       | 0.063       | 0.055       |
| 8/28/2010                  | 0.064       | 0.061            | 0.052       | 0.069       | 0.058         | 0.071       | 0.059       | 0.053       |
| 8/29/2010                  | 0.057       | 0.052            | 0.057       | 0.062       | 0.057         | 0.067       | 0.059       | 0.050       |
| 8/30/2010                  | 0.069       | 0.058            | 0.056       | 0.091       | 0.059         | 0.081       | 0.084       | 0.054       |
| 8/31/2010                  | 0.062       | 0.061            | 0.074       | 0.092       | 0.067         | 0.072       | 0.071       | 0.061       |
| 9/1/2010                   | 0.076       | 0.092            | 0.064       | 0.101       | 0.073         | 0.096       | 0.095       | 0.069       |
| 9/2/2010                   | 0.076       | 0.059            | 0.039       | 0.073       | 0.070         | 0.076       | 0.070       | 0.049       |
| 9/3/2010                   | 0.066       | 0.069            | 0.074       | 0.071       | 0.065         | 0.069       | 0.064       | 0.070       |
| 9/4/2010                   | 0.048       | 0.049            | 0.056       | 0.050       | 0.043         | 0.053       | 0.047       | 0.046       |
| 9/5/2010                   | 0.055       | 0.059            | 0.053       | 0.059       | 0.054         | 0.059       | 0.052       | 0.050       |
| 9/6/2010                   | 0.060       | 0.065            | 0.060       | 0.065       | 0.060         | 0.062       | 0.057       | 0.055       |
| 9/7/2010                   | 0.067       | 0.055            | 0.056       | 0.068       | 0.061         | 0.071       | 0.064       | 0.064       |
| 9/8/2010                   | 0.036       | 0.053            | 0.058       | 0.037       | 0.038         | 0.033       | 0.037       | 0.052       |
| 9/9/2010                   | 0.066       | 0.066            | 0.073       | 0.065       | 0.061         | 0.071       | 0.064       | 0.062       |
| 9/10/2010                  | 0.061       | 0.059            | 0.058       | 0.065       | 0.060         | 0.068       | 0.072       | 0.057       |
| 9/11/2010                  | 0.042       | 0.053            | 0.045       | 0.044       | 0.042         | 0.045       | 0.046       | 0.043       |
| 9/12/2010                  | 0.045       | 0.046            | 0.045       | 0.050       | 0.048         | 0.049       | 0.047       | 0.044       |
| 9/13/2010                  | 0.058       | 0.056            | 0.052       | 0.059       | 0.055         | 0.061       | 0.057       | 0.049       |
| 9/14/2010                  | 0.063       | 0.064            | 0.073       | 0.067       | 0.062         | 0.069       | 0.063       | 0.062       |
| 9/15/2010                  | 0.076       | 0.083            | 0.067       | 0.087       | 0.076         | 0.071       | 0.069       | 0.061       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Mocksville  | Durham<br>Armory | Leggett     | Hattie Ave. | Shiloh Church | Clemmons    | Union Cross | Franklin    |
|----------------------------|-------------|------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| <b>County</b>              | Davie       | Durham           | Edgecombe   | Forsyth     | Forsyth       | Forsyth     | Forsyth     | Franklin    |
| <b>AQS Code</b>            | 37-059-0003 | 37-063-0015      | 37-065-0099 | 37-067-0022 | 37-067-0028   | 37-067-0030 | 37-067-1008 | 37-069-0001 |
| <b>Latitude</b>            | 35.897060   | 35.991940        | 35.988330   | 36.110560   | 36.203060     | 36.026000   | 36.050830   | 36.096190   |
| <b>Longitude</b>           | -80.557280  | -78.896390       | -77.582780  | -80.226670  | -80.215830    | -80.342000  | -80.143890  | -78.463720  |
| <b>Exceedance<br/>days</b> | 0           | 0                | 0           | 0           | 0             | 0           | 0           | 0           |
| <b>Valid days</b>          | 214         | 214              | 214         | 214         | 211           | 214         | 214         | 214         |
| 9/16/2010                  | 0.067       | 0.063            | 0.065       | 0.071       | 0.071         | 0.073       | 0.068       | 0.065       |
| 9/17/2010                  | 0.059       | 0.065            | 0.068       | 0.061       | 0.058         | 0.060       | 0.061       | 0.058       |
| 9/18/2010                  | 0.071       | 0.063            | 0.059       | 0.072       | 0.066         | 0.076       | 0.066       | 0.060       |
| 9/19/2010                  | 0.064       | 0.063            | 0.061       | 0.073       | 0.062         | 0.069       | 0.068       | 0.059       |
| 9/20/2010                  | 0.075       | 0.064            | 0.074       | 0.078       | 0.070         | 0.080       | 0.080       | 0.062       |
| 9/21/2010                  | 0.069       | 0.077            | 0.062       | 0.072       | 0.072         | 0.073       | 0.066       | 0.061       |
| 9/22/2010                  | 0.077       | 0.065            | 0.070       | 0.077       | 0.070         | 0.079       | 0.071       | 0.061       |
| 9/23/2010                  | 0.073       | 0.085            | 0.078       | 0.080       | 0.082         | 0.069       | 0.070       | 0.076       |
| 9/24/2010                  | 0.070       | 0.066            | 0.068       | 0.068       | 0.065         | 0.079       | 0.073       | 0.072       |
| 9/25/2010                  | 0.067       | 0.053            | 0.060       | 0.063       | 0.054         | 0.061       | 0.060       | 0.053       |
| 9/26/2010                  | 0.040       | 0.055            | 0.038       | 0.044       | 0.041         | 0.045       | 0.047       | 0.047       |
| 9/27/2010                  | 0.024       | 0.025            | 0.027       | 0.025       | 0.027         | 0.025       | 0.026       | 0.026       |
| 9/28/2010                  | 0.046       | 0.045            | 0.047       | 0.046       | 0.040         | 0.046       | 0.044       | 0.055       |
| 9/29/2010                  | 0.020       | 0.022            | 0.023       | 0.026       | 0.023         | 0.027       | 0.026       | 0.023       |
| 9/30/2010                  | 0.041       | 0.023            | 0.027       | 0.035       | 0.041         | 0.041       | 0.034       | 0.023       |
| 10/1/2010                  | 0.045       | 0.044            | 0.040       | 0.047       | 0.047         | 0.046       | 0.047       | 0.043       |
| 10/2/2010                  | 0.051       | 0.042            | 0.041       | 0.050       | 0.047         | 0.057       | 0.049       | 0.040       |
| 10/3/2010                  | 0.040       | 0.043            | 0.029       | 0.045       | 0.042         | 0.046       | 0.044       | 0.032       |
| 10/4/2010                  | 0.037       | 0.037            | 0.037       | 0.038       | 0.037         | 0.042       | 0.039       | 0.037       |
| 10/5/2010                  | 0.038       | 0.039            | 0.038       | 0.041       | 0.042         | 0.043       | 0.043       | 0.038       |
| 10/6/2010                  | 0.046       | 0.041            | 0.038       | 0.051       | 0.047         | 0.048       | 0.047       | 0.038       |
| 10/7/2010                  | 0.066       | 0.067            | 0.070       | 0.068       | 0.067         | 0.069       | 0.065       | 0.064       |
| 10/8/2010                  | 0.058       | 0.058            | 0.053       | 0.066       | 0.065         | 0.066       | 0.067       | 0.049       |
| 10/9/2010                  | 0.063       | 0.064            | 0.069       | 0.064       | 0.058         | 0.072       | 0.061       | 0.060       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Mocksville  | Durham<br>Armory | Leggett     | Hattie Ave. | Shiloh Church | Clemmons    | Union Cross | Franklin    |
|----------------------------|-------------|------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| <b>County</b>              | Davie       | Durham           | Edgecombe   | Forsyth     | Forsyth       | Forsyth     | Forsyth     | Franklin    |
| <b>AQS Code</b>            | 37-059-0003 | 37-063-0015      | 37-065-0099 | 37-067-0022 | 37-067-0028   | 37-067-0030 | 37-067-1008 | 37-069-0001 |
| <b>Latitude</b>            | 35.897060   | 35.991940        | 35.988330   | 36.110560   | 36.203060     | 36.026000   | 36.050830   | 36.096190   |
| <b>Longitude</b>           | -80.557280  | -78.896390       | -77.582780  | -80.226670  | -80.215830    | -80.342000  | -80.143890  | -78.463720  |
| <b>Exceedance<br/>days</b> | 0           | 0                | 0           | 0           | 0             | 0           | 0           | 0           |
| <b>Valid days</b>          | 214         | 214              | 214         | 214         | 211           | 214         | 214         | 214         |
| 10/10/2010                 | 0.067       | 0.071            | 0.074       | 0.074       | 0.068         | 0.075       | 0.072       | 0.066       |
| 10/11/2010                 | 0.068       | 0.066            | 0.072       | 0.070       | 0.066         | 0.073       | 0.075       | 0.065       |
| 10/12/2010                 | 0.078       | 0.079            | 0.076       | 0.081       | 0.076         | 0.082       | 0.078       | 0.072       |
| 10/13/2010                 | 0.056       | 0.060            | 0.053       | 0.047       | 0.045         | 0.047       | 0.047       | 0.053       |
| 10/14/2010                 | 0.042       | 0.039            | 0.041       | 0.043       | 0.045         | 0.044       | 0.043       | 0.040       |
| 10/15/2010                 | 0.046       | 0.039            | 0.046       | 0.045       | 0.047         | 0.047       | 0.047       | 0.039       |
| 10/16/2010                 | 0.044       | 0.041            | 0.040       | 0.047       | 0.047         | 0.048       | 0.046       | 0.040       |
| 10/17/2010                 | 0.051       | 0.053            | 0.056       | 0.052       | 0.049         | 0.054       | 0.051       | 0.053       |
| 10/18/2010                 | 0.057       | 0.059            | 0.057       | 0.064       | 0.062         | 0.063       | 0.061       | 0.054       |
| 10/19/2010                 | 0.067       | 0.067            | 0.065       | 0.067       | 0.065         | 0.073       | 0.067       | 0.052       |
| 10/20/2010                 | 0.045       | 0.031            | 0.040       | 0.037       | 0.031         | 0.045       | 0.038       | 0.033       |
| 10/21/2010                 | 0.052       | 0.054            | 0.057       | 0.052       | 0.053         | 0.054       | 0.054       | 0.055       |
| 10/22/2010                 | 0.045       | 0.040            | 0.042       | 0.043       | 0.043         | 0.047       | 0.042       | 0.039       |
| 10/23/2010                 | 0.061       | 0.053            | 0.054       | 0.058       | 0.054         | 0.063       | 0.058       | 0.056       |
| 10/24/2010                 | 0.054       | 0.047            | 0.050       | 0.058       | 0.056         | 0.057       | 0.055       | 0.051       |
| 10/25/2010                 | 0.033       | 0.033            | 0.036       | 0.030       | 0.032         | 0.030       | 0.032       | 0.033       |
| 10/26/2010                 | 0.021       | 0.020            | 0.026       | 0.023       | 0.022         | 0.021       | 0.023       | 0.021       |
| 10/27/2010                 | 0.021       | 0.022            | 0.028       | 0.025       | 0.024         | 0.021       | 0.024       | 0.024       |
| 10/28/2010                 | 0.041       | 0.035            | 0.032       | 0.043       | 0.046         | 0.041       | 0.039       | 0.033       |
| 10/29/2010                 | 0.036       | 0.034            | 0.031       | 0.036       | 0.037         | 0.036       | 0.036       | 0.031       |
| 10/30/2010                 | 0.044       | 0.037            | 0.038       | 0.047       | 0.042         | 0.047       | 0.045       | 0.038       |
| 10/31/2010                 | 0.052       | 0.054            | 0.055       | 0.060       | 0.052         | 0.054       | 0.053       | 0.054       |

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name            | Mocksville  | Durham<br>Armory | Leggett     | Hattie Ave. | Shiloh Church | Clemmons    | Union Cross | Franklin    |
|----------------------|-------------|------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| <b>County</b>        | Davie       | Durham           | Edgecombe   | Forsyth     | Forsyth       | Forsyth     | Forsyth     | Franklin    |
| <b>AQS Code</b>      | 37-059-0003 | 37-063-0015      | 37-065-0099 | 37-067-0022 | 37-067-0028   | 37-067-0030 | 37-067-1008 | 37-069-0001 |
| <b>Latitude</b>      | 35.897060   | 35.991940        | 35.988330   | 36.110560   | 36.203060     | 36.026000   | 36.050830   | 36.096190   |
| <b>Longitude</b>     | -80.557280  | -78.896390       | -77.582780  | -80.226670  | -80.215830    | -80.342000  | -80.143890  | -78.463720  |
| <b>Exceedance</b>    |             |                  |             |             |               |             |             |             |
| <b>days</b>          | 0           | 0                | 0           | 0           | 0             | 0           | 0           | 0           |
| <b>Valid days</b>    | 214         | 214              | 214         | 214         | 211           | 214         | 214         | 214         |
| <b>Max conc rank</b> |             |                  |             |             |               |             |             |             |
| 1                    | 0.091       | 0.092            | 0.089       | 0.104       | 0.094         | 0.096       | 0.098       | 0.086       |
| 2                    | 0.085       | 0.088            | 0.081       | 0.103       | 0.093         | 0.095       | 0.096       | 0.085       |
| 3                    | 0.081       | 0.087            | 0.078       | 0.101       | 0.090         | 0.093       | 0.095       | 0.080       |
| 4                    | 0.081       | 0.085            | 0.077       | 0.092       | 0.084         | 0.088       | 0.087       | 0.080       |
| 5                    | 0.080       | 0.083            | 0.077       | 0.091       | 0.082         | 0.086       | 0.084       | 0.078       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Joanna Bald | Butner      | Mendenhall  | Waynesville | Frying Pan  | Purchase    | Barnet Knob | West Johnson |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>County</b>          | Graham      | Granville   | Guilford    | Haywood     | Haywood     | Haywood     | Jackson     | Johnston     |
| <b>AQS Code</b>        | 37-075-0001 | 37-077-0001 | 37-081-0013 | 37-087-0004 | 37-087-0035 | 37-087-0036 | 37-099-0005 | 37-101-0002  |
| <b>Latitude</b>        | 35.257930   | 36.141110   | 36.109170   | 35.505280   | 35.379170   | 35.590000   | 35.524440   | 35.590830    |
| <b>Longitude</b>       | -83.795620  | -78.768060  | -79.801110  | -82.964720  | -82.792500  | -83.077500  | -83.236110  | -78.461940   |
| <b>Exceedance days</b> | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            |
| <b>Valid days</b>      | 201         | 214         | 214         | 214         | 210         | 214         | 213         | 214          |
| 4/1/2010               |             | 0.073       | 0.075       | 0.064       | 0.071       | 0.067       |             | 0.075        |
| 4/2/2010               |             | 0.081       | 0.085       | 0.075       | 0.080       | 0.078       | 0.071       | 0.083        |
| 4/3/2010               |             | 0.065       | 0.071       | 0.070       | 0.071       | 0.070       | 0.067       | 0.066        |
| 4/4/2010               |             | 0.066       | 0.066       | 0.062       | 0.059       | 0.059       | 0.055       | 0.059        |
| 4/5/2010               |             | 0.068       | 0.067       | 0.044       | 0.060       | 0.056       | 0.052       | 0.063        |
| 4/6/2010               |             | 0.063       | 0.070       | 0.063       | 0.074       | 0.068       | 0.067       | 0.073        |
| 4/7/2010               | 0.068       | 0.062       | 0.067       | 0.067       | 0.059       | 0.061       | 0.061       | 0.063        |
| 4/8/2010               | 0.047       | 0.049       | 0.046       | 0.052       | 0.051       | 0.049       | 0.046       | 0.046        |
| 4/9/2010               | 0.060       | 0.055       | 0.053       | 0.057       | 0.057       | 0.055       | 0.052       | 0.053        |
| 4/10/2010              | 0.062       | 0.061       | 0.061       | 0.064       | 0.065       | 0.062       | 0.060       | 0.060        |
| 4/11/2010              | 0.072       | 0.064       | 0.071       | 0.065       | 0.067       | 0.068       | 0.062       | 0.063        |
| 4/12/2010              | 0.076       | 0.074       | 0.071       | 0.069       | 0.076       | 0.073       | 0.069       | 0.070        |
| 4/13/2010              | 0.077       | 0.068       | 0.081       | 0.075       | 0.080       | 0.077       | 0.071       | 0.070        |
| 4/14/2010              | 0.078       | 0.049       | 0.051       | 0.075       | 0.075       | 0.074       | 0.066       | 0.049        |
| 4/15/2010              | 0.074       | 0.065       | 0.074       | 0.072       | 0.073       | 0.072       | 0.065       | 0.061        |
| 4/16/2010              | 0.074       | 0.077       | 0.074       | 0.069       | 0.074       | 0.069       | 0.068       | 0.074        |
| 4/17/2010              | 0.067       | 0.060       | 0.059       | 0.059       | 0.065       | 0.062       | 0.062       | 0.054        |
| 4/18/2010              | 0.058       | 0.055       | 0.052       | 0.054       | 0.056       | 0.054       | 0.055       | 0.055        |
| 4/19/2010              | 0.067       | 0.050       | 0.050       | 0.056       | 0.059       | 0.057       | 0.056       | 0.050        |
| 4/20/2010              | 0.065       | 0.064       | 0.059       | 0.047       | 0.062       | 0.058       | 0.059       | 0.060        |
| 4/21/2010              | 0.062       | 0.052       | 0.052       | 0.059       | 0.062       | 0.059       | 0.061       | 0.044        |
| 4/22/2010              | 0.071       | 0.070       | 0.070       | 0.064       | 0.066       | 0.062       | 0.063       | 0.070        |
| 4/23/2010              | 0.073       | 0.051       | 0.054       | 0.062       | 0.078       | 0.069       | 0.071       | 0.049        |
| 4/24/2010              | 0.062       | 0.056       | 0.058       | 0.058       | 0.062       | 0.063       | 0.069       | 0.058        |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Joanna Bald | Butner      | Mendenhall  | Waynesville | Frying Pan  | Purchase    | Barnet Knob | West Johnson |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>County</b>          | Graham      | Granville   | Guilford    | Haywood     | Haywood     | Haywood     | Jackson     | Johnston     |
| <b>AQS Code</b>        | 37-075-0001 | 37-077-0001 | 37-081-0013 | 37-087-0004 | 37-087-0035 | 37-087-0036 | 37-099-0005 | 37-101-0002  |
| <b>Latitude</b>        | 35.257930   | 36.141110   | 36.109170   | 35.505280   | 35.379170   | 35.590000   | 35.524440   | 35.590830    |
| <b>Longitude</b>       | -83.795620  | -78.768060  | -79.801110  | -82.964720  | -82.792500  | -83.077500  | -83.236110  | -78.461940   |
| <b>Exceedance days</b> | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            |
| <b>Valid days</b>      | 201         | 214         | 214         | 214         | 210         | 214         | 213         | 214          |
| 4/25/2010              | 0.056       | 0.042       | 0.049       | 0.057       | 0.054       | 0.052       | 0.053       | 0.037        |
| 4/26/2010              |             | 0.055       | 0.049       | 0.052       | 0.054       | 0.047       | 0.048       | 0.052        |
| 4/27/2010              |             | 0.050       | 0.046       | 0.048       | 0.048       | 0.047       | 0.049       | 0.050        |
| 4/28/2010              |             | 0.053       | 0.050       | 0.058       | 0.060       | 0.057       | 0.059       | 0.050        |
| 4/29/2010              |             | 0.063       | 0.066       | 0.058       | 0.058       | 0.054       | 0.057       | 0.058        |
| 4/30/2010              |             | 0.066       | 0.078       | 0.066       | 0.076       | 0.062       | 0.066       | 0.067        |
| 5/1/2010               | 0.061       | 0.046       | 0.050       | 0.052       | 0.056       | 0.056       | 0.065       | 0.049        |
| 5/2/2010               | 0.032       | 0.038       | 0.034       | 0.030       | 0.029       | 0.028       | 0.030       | 0.036        |
| 5/3/2010               | 0.050       | 0.031       | 0.032       | 0.045       | 0.045       | 0.044       | 0.048       | 0.030        |
| 5/4/2010               | 0.067       | 0.061       | 0.068       | 0.059       | 0.061       | 0.062       | 0.063       | 0.041        |
| 5/5/2010               | 0.068       | 0.077       | 0.079       | 0.066       | 0.063       | 0.063       | 0.065       | 0.066        |
| 5/6/2010               | 0.078       | 0.085       | 0.076       | 0.071       | 0.078       | 0.077       | 0.075       | 0.066        |
| 5/7/2010               | 0.081       | 0.090       | 0.077       | 0.081       | 0.076       | 0.085       | 0.092       | 0.076        |
| 5/8/2010               | 0.051       | 0.059       | 0.063       | 0.062       | 0.057       | 0.054       | 0.066       | 0.058        |
| 5/9/2010               | 0.052       | 0.048       | 0.047       | 0.045       | 0.046       | 0.042       | 0.051       | 0.047        |
| 5/10/2010              | 0.053       | 0.053       | 0.060       | 0.047       | 0.048       | 0.047       | 0.051       | 0.055        |
| 5/11/2010              | 0.047       | 0.053       | 0.044       | 0.046       | 0.048       | 0.045       | 0.048       | 0.051        |
| 5/12/2010              | 0.045       | 0.053       | 0.054       | 0.041       | 0.044       | 0.038       | 0.043       | 0.045        |
| 5/13/2010              | 0.047       | 0.035       | 0.037       | 0.044       | 0.045       | 0.041       | 0.043       | 0.041        |
| 5/14/2010              | 0.054       | 0.058       | 0.070       | 0.049       | 0.049       | 0.046       | 0.047       | 0.056        |
| 5/15/2010              | 0.057       | 0.052       | 0.053       | 0.044       | 0.053       | 0.047       | 0.050       | 0.055        |
| 5/16/2010              | 0.058       | 0.043       | 0.044       | 0.041       | 0.054       | 0.049       | 0.054       | 0.055        |
| 5/17/2010              | 0.050       | 0.048       | 0.033       | 0.041       | 0.042       | 0.044       | 0.046       | 0.039        |
| 5/18/2010              | 0.050       | 0.036       | 0.043       | 0.050       | 0.051       | 0.044       | 0.047       | 0.030        |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Joanna Bald | Butner      | Mendenhall  | Waynesville | Frying Pan  | Purchase    | Barnet Knob | West Johnson |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>County</b>          | Graham      | Granville   | Guilford    | Haywood     | Haywood     | Haywood     | Jackson     | Johnston     |
| <b>AQS Code</b>        | 37-075-0001 | 37-077-0001 | 37-081-0013 | 37-087-0004 | 37-087-0035 | 37-087-0036 | 37-099-0005 | 37-101-0002  |
| <b>Latitude</b>        | 35.257930   | 36.141110   | 36.109170   | 35.505280   | 35.379170   | 35.590000   | 35.524440   | 35.590830    |
| <b>Longitude</b>       | -83.795620  | -78.768060  | -79.801110  | -82.964720  | -82.792500  | -83.077500  | -83.236110  | -78.461940   |
| <b>Exceedance days</b> | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            |
| <b>Valid days</b>      | 201         | 214         | 214         | 214         | 210         | 214         | 213         | 214          |
| 5/19/2010              | 0.053       | 0.036       | 0.041       | 0.053       | 0.053       | 0.050       | 0.054       | 0.040        |
| 5/20/2010              | 0.056       | 0.050       | 0.054       | 0.050       | 0.052       | 0.059       | 0.055       | 0.052        |
| 5/21/2010              | 0.059       | 0.067       | 0.064       | 0.043       | 0.058       | 0.047       | 0.058       | 0.065        |
| 5/22/2010              | 0.056       | 0.054       | 0.046       | 0.046       | 0.050       | 0.051       | 0.050       | 0.056        |
| 5/23/2010              | 0.057       | 0.046       | 0.044       | 0.060       | 0.060       | 0.060       | 0.060       | 0.042        |
| 5/24/2010              | 0.057       | 0.034       | 0.039       | 0.056       | 0.054       | 0.053       | 0.059       | 0.032        |
| 5/25/2010              | 0.053       | 0.029       | 0.033       | 0.038       | 0.047       | 0.046       | 0.052       | 0.037        |
| 5/26/2010              | 0.054       | 0.050       | 0.053       | 0.050       | 0.051       | 0.054       | 0.059       | 0.042        |
| 5/27/2010              | 0.068       | 0.065       | 0.058       | 0.061       | 0.064       | 0.065       | 0.070       | 0.065        |
| 5/28/2010              | 0.068       | 0.062       | 0.074       | 0.051       | 0.065       | 0.064       | 0.068       | 0.074        |
| 5/29/2010              | 0.059       | 0.050       | 0.054       | 0.052       | 0.048       | 0.047       | 0.053       | 0.046        |
| 5/30/2010              | 0.045       | 0.036       | 0.046       | 0.036       | 0.035       | 0.039       | 0.047       | 0.032        |
| 5/31/2010              | 0.044       | 0.041       | 0.039       | 0.049       | 0.048       | 0.035       | 0.046       | 0.039        |
| 6/1/2010               | 0.045       | 0.044       | 0.056       | 0.046       | 0.054       | 0.045       | 0.046       | 0.037        |
| 6/2/2010               | 0.056       | 0.056       | 0.060       | 0.051       | 0.057       | 0.049       | 0.060       | 0.039        |
| 6/3/2010               | 0.057       | 0.062       | 0.072       | 0.058       | 0.052       | 0.056       | 0.055       | 0.047        |
| 6/4/2010               | 0.045       | 0.059       | 0.069       | 0.044       | 0.053       | 0.050       | 0.052       | 0.052        |
| 6/5/2010               | 0.043       | 0.050       | 0.054       | 0.044       | 0.045       | 0.041       | 0.047       | 0.038        |
| 6/6/2010               | 0.043       | 0.047       | 0.043       | 0.046       | 0.045       | 0.044       | 0.050       | 0.043        |
| 6/7/2010               | 0.060       | 0.049       | 0.047       | 0.054       | 0.055       | 0.054       | 0.057       | 0.053        |
| 6/8/2010               | 0.059       | 0.058       | 0.066       | 0.053       | 0.057       | 0.053       | 0.055       | 0.059        |
| 6/9/2010               | 0.067       | 0.051       | 0.064       | 0.061       | 0.062       | 0.061       | 0.066       | 0.057        |
| 6/10/2010              | 0.045       | 0.066       | 0.054       | 0.040       | 0.038       | 0.037       | 0.039       | 0.049        |
| 6/11/2010              | 0.046       | 0.070       | 0.067       | 0.039       | 0.038       | 0.036       | 0.041       | 0.067        |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Joanna Bald | Butner      | Mendenhall  | Waynesville | Frying Pan  | Purchase    | Barnet Knob | West Johnson |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>County</b>          | Graham      | Granville   | Guilford    | Haywood     | Haywood     | Haywood     | Jackson     | Johnston     |
| <b>AQS Code</b>        | 37-075-0001 | 37-077-0001 | 37-081-0013 | 37-087-0004 | 37-087-0035 | 37-087-0036 | 37-099-0005 | 37-101-0002  |
| <b>Latitude</b>        | 35.257930   | 36.141110   | 36.109170   | 35.505280   | 35.379170   | 35.590000   | 35.524440   | 35.590830    |
| <b>Longitude</b>       | -83.795620  | -78.768060  | -79.801110  | -82.964720  | -82.792500  | -83.077500  | -83.236110  | -78.461940   |
| <b>Exceedance days</b> | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            |
| <b>Valid days</b>      | 201         | 214         | 214         | 214         | 210         | 214         | 213         | 214          |
| 6/12/2010              | 0.041       | 0.069       | 0.079       | 0.037       | 0.038       | 0.039       | 0.044       | 0.069        |
| 6/13/2010              | 0.042       | 0.042       | 0.042       | 0.037       |             | 0.040       | 0.043       | 0.041        |
| 6/14/2010              | 0.044       | 0.049       | 0.051       | 0.040       |             | 0.040       | 0.042       | 0.059        |
| 6/15/2010              | 0.051       | 0.052       | 0.064       | 0.040       |             | 0.047       | 0.051       | 0.054        |
| 6/16/2010              | 0.050       | 0.056       | 0.055       | 0.042       |             | 0.046       | 0.047       | 0.065        |
| 6/17/2010              | 0.057       | 0.061       | 0.059       | 0.062       | 0.062       | 0.060       | 0.062       | 0.066        |
| 6/18/2010              | 0.059       | 0.062       | 0.062       | 0.056       | 0.064       | 0.057       | 0.061       | 0.064        |
| 6/19/2010              | 0.056       | 0.065       | 0.061       | 0.060       | 0.070       | 0.055       | 0.067       | 0.058        |
| 6/20/2010              | 0.057       | 0.070       | 0.052       | 0.059       | 0.055       | 0.055       | 0.058       | 0.061        |
| 6/21/2010              | 0.061       | 0.072       | 0.059       | 0.081       | 0.058       | 0.060       | 0.064       | 0.076        |
| 6/22/2010              | 0.068       | 0.075       | 0.080       | 0.054       | 0.070       | 0.069       | 0.072       | 0.062        |
| 6/23/2010              | 0.060       | 0.062       | 0.060       | 0.055       | 0.058       | 0.052       | 0.054       | 0.079        |
| 6/24/2010              | 0.046       | 0.071       | 0.062       | 0.042       | 0.048       | 0.043       | 0.048       | 0.077        |
| 6/25/2010              | 0.063       | 0.061       | 0.063       | 0.046       | 0.050       | 0.055       | 0.054       | 0.073        |
| 6/26/2010              | 0.055       | 0.068       | 0.061       | 0.050       | 0.055       | 0.056       | 0.055       | 0.059        |
| 6/27/2010              | 0.048       | 0.062       | 0.064       | 0.047       | 0.057       | 0.054       | 0.051       | 0.060        |
| 6/28/2010              | 0.042       | 0.066       | 0.060       | 0.046       | 0.047       | 0.037       | 0.046       | 0.056        |
| 6/29/2010              | 0.061       | 0.053       | 0.055       | 0.051       | 0.055       | 0.053       | 0.059       | 0.066        |
| 6/30/2010              | 0.064       | 0.055       | 0.054       | 0.057       | 0.054       | 0.062       | 0.061       | 0.037        |
| 7/1/2010               | 0.069       | 0.058       | 0.060       | 0.067       | 0.070       | 0.065       | 0.066       | 0.071        |
| 7/2/2010               | 0.060       | 0.059       | 0.063       | 0.056       | 0.057       | 0.062       | 0.065       | 0.056        |
| 7/3/2010               | 0.062       | 0.062       | 0.074       | 0.065       | 0.059       | 0.064       | 0.066       | 0.064        |
| 7/4/2010               | 0.063       | 0.071       | 0.078       | 0.066       | 0.064       | 0.066       | 0.065       | 0.068        |
| 7/5/2010               | 0.066       | 0.074       | 0.080       | 0.062       | 0.067       | 0.062       | 0.064       | 0.063        |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Joanna Bald | Butner      | Mendenhall  | Waynesville | Frying Pan  | Purchase    | Barnet Knob | West Johnson |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>County</b>          | Graham      | Granville   | Guilford    | Haywood     | Haywood     | Haywood     | Jackson     | Johnston     |
| <b>AQS Code</b>        | 37-075-0001 | 37-077-0001 | 37-081-0013 | 37-087-0004 | 37-087-0035 | 37-087-0036 | 37-099-0005 | 37-101-0002  |
| <b>Latitude</b>        | 35.257930   | 36.141110   | 36.109170   | 35.505280   | 35.379170   | 35.590000   | 35.524440   | 35.590830    |
| <b>Longitude</b>       | -83.795620  | -78.768060  | -79.801110  | -82.964720  | -82.792500  | -83.077500  | -83.236110  | -78.461940   |
| <b>Exceedance days</b> | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            |
| <b>Valid days</b>      | 201         | 214         | 214         | 214         | 210         | 214         | 213         | 214          |
| 7/6/2010               | 0.059       | 0.064       | 0.080       | 0.073       | 0.065       | 0.067       | 0.058       | 0.070        |
| 7/7/2010               | 0.075       | 0.069       | 0.081       | 0.060       | 0.073       | 0.077       | 0.077       | 0.079        |
| 7/8/2010               | 0.087       | 0.090       | 0.090       | 0.068       | 0.070       | 0.071       | 0.073       | 0.086        |
| 7/9/2010               | 0.068       | 0.067       | 0.099       | 0.063       | 0.069       | 0.067       | 0.068       | 0.086        |
| 7/10/2010              | 0.053       | 0.051       | 0.051       | 0.056       | 0.052       | 0.051       | 0.052       | 0.050        |
| 7/11/2010              | 0.056       | 0.062       | 0.065       | 0.052       | 0.054       | 0.049       | 0.053       | 0.061        |
| 7/12/2010              | 0.040       | 0.057       | 0.045       | 0.038       | 0.048       | 0.037       | 0.048       | 0.043        |
| 7/13/2010              | 0.037       | 0.049       | 0.045       | 0.037       | 0.044       | 0.037       | 0.040       | 0.051        |
| 7/14/2010              | 0.056       | 0.057       | 0.059       | 0.051       | 0.059       | 0.061       | 0.055       | 0.060        |
| 7/15/2010              | 0.055       | 0.068       | 0.082       | 0.058       | 0.055       | 0.055       | 0.054       | 0.064        |
| 7/16/2010              | 0.056       | 0.064       | 0.056       | 0.059       | 0.061       | 0.053       | 0.059       | 0.055        |
| 7/17/2010              | 0.045       | 0.043       | 0.047       | 0.042       | 0.061       | 0.052       | 0.059       | 0.044        |
| 7/18/2010              | 0.029       | 0.048       | 0.052       | 0.033       | 0.035       | 0.030       | 0.034       | 0.034        |
| 7/19/2010              | 0.051       | 0.047       | 0.051       | 0.043       | 0.040       | 0.038       | 0.038       | 0.037        |
| 7/20/2010              | 0.052       | 0.058       | 0.064       | 0.044       | 0.049       | 0.045       | 0.048       | 0.047        |
| 7/21/2010              | 0.041       | 0.059       | 0.052       | 0.034       | 0.039       | 0.033       | 0.038       | 0.051        |
| 7/22/2010              | 0.046       | 0.075       | 0.069       | 0.041       | 0.047       | 0.042       | 0.045       | 0.078        |
| 7/23/2010              | 0.043       | 0.073       | 0.075       | 0.041       | 0.043       | 0.042       | 0.046       | 0.067        |
| 7/24/2010              | 0.044       | 0.054       | 0.061       | 0.046       | 0.048       | 0.039       | 0.046       | 0.047        |
| 7/25/2010              | 0.050       | 0.053       | 0.069       | 0.049       | 0.057       | 0.048       | 0.054       | 0.045        |
| 7/26/2010              | 0.048       | 0.064       | 0.061       | 0.048       | 0.057       | 0.045       | 0.060       | 0.062        |
| 7/27/2010              | 0.054       | 0.041       | 0.058       | 0.043       | 0.048       | 0.049       | 0.054       | 0.043        |
| 7/28/2010              | 0.053       | 0.061       | 0.065       | 0.051       | 0.043       | 0.044       | 0.050       | 0.053        |
| 7/29/2010              | 0.047       | 0.053       | 0.058       | 0.047       | 0.048       | 0.047       | 0.049       | 0.058        |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Joanna Bald | Butner      | Mendenhall  | Waynesville | Frying Pan  | Purchase    | Barnet Knob | West Johnson |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>County</b>          | Graham      | Granville   | Guilford    | Haywood     | Haywood     | Haywood     | Jackson     | Johnston     |
| <b>AQS Code</b>        | 37-075-0001 | 37-077-0001 | 37-081-0013 | 37-087-0004 | 37-087-0035 | 37-087-0036 | 37-099-0005 | 37-101-0002  |
| <b>Latitude</b>        | 35.257930   | 36.141110   | 36.109170   | 35.505280   | 35.379170   | 35.590000   | 35.524440   | 35.590830    |
| <b>Longitude</b>       | -83.795620  | -78.768060  | -79.801110  | -82.964720  | -82.792500  | -83.077500  | -83.236110  | -78.461940   |
| <b>Exceedance days</b> | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            |
| <b>Valid days</b>      | 201         | 214         | 214         | 214         | 210         | 214         | 213         | 214          |
| 7/30/2010              | 0.071       | 0.060       | 0.064       | 0.059       | 0.056       | 0.062       | 0.055       | 0.056        |
| 7/31/2010              | 0.050       | 0.040       | 0.044       | 0.046       | 0.048       | 0.054       | 0.054       | 0.046        |
| 8/1/2010               | 0.049       | 0.038       | 0.033       | 0.045       | 0.039       | 0.038       | 0.046       | 0.038        |
| 8/2/2010               | 0.034       | 0.042       | 0.044       | 0.041       | 0.034       | 0.045       | 0.039       | 0.048        |
| 8/3/2010               | 0.043       | 0.064       | 0.067       | 0.051       | 0.046       | 0.043       | 0.043       | 0.057        |
| 8/4/2010               | 0.045       | 0.049       | 0.076       | 0.057       | 0.049       | 0.046       | 0.045       | 0.050        |
| 8/5/2010               | 0.059       | 0.052       | 0.076       | 0.052       | 0.058       | 0.049       | 0.053       | 0.049        |
| 8/6/2010               | 0.056       | 0.058       | 0.059       | 0.054       | 0.058       | 0.055       | 0.058       | 0.056        |
| 8/7/2010               | 0.062       | 0.065       | 0.062       | 0.055       | 0.058       | 0.058       | 0.062       | 0.060        |
| 8/8/2010               | 0.053       | 0.058       | 0.058       | 0.056       | 0.055       | 0.054       | 0.063       | 0.057        |
| 8/9/2010               | 0.054       | 0.061       | 0.074       | 0.062       | 0.060       | 0.053       | 0.056       | 0.064        |
| 8/10/2010              | 0.071       | 0.063       | 0.084       | 0.059       | 0.060       | 0.052       | 0.064       | 0.060        |
| 8/11/2010              | 0.070       | 0.071       | 0.083       | 0.061       | 0.058       | 0.056       | 0.063       | 0.053        |
| 8/12/2010              | 0.065       | 0.059       | 0.066       | 0.058       | 0.059       | 0.055       | 0.057       | 0.074        |
| 8/13/2010              | 0.059       | 0.058       | 0.065       | 0.063       | 0.062       | 0.056       | 0.059       | 0.058        |
| 8/14/2010              | 0.055       | 0.042       | 0.042       | 0.046       | 0.054       | 0.042       | 0.053       | 0.037        |
| 8/15/2010              | 0.042       | 0.048       | 0.039       | 0.045       | 0.039       | 0.045       | 0.049       | 0.041        |
| 8/16/2010              | 0.044       | 0.060       | 0.043       | 0.049       | 0.045       | 0.048       | 0.050       | 0.054        |
| 8/17/2010              | 0.039       | 0.057       | 0.042       | 0.043       | 0.034       | 0.033       | 0.040       | 0.050        |
| 8/18/2010              | 0.029       | 0.050       | 0.046       | 0.025       | 0.032       | 0.023       | 0.034       | 0.035        |
| 8/19/2010              | 0.041       | 0.034       | 0.040       | 0.037       | 0.034       | 0.037       | 0.039       | 0.038        |
| 8/20/2010              | 0.049       | 0.067       | 0.056       | 0.045       | 0.049       | 0.047       | 0.049       | 0.065        |
| 8/21/2010              | 0.046       | 0.064       | 0.063       | 0.031       | 0.046       | 0.043       | 0.045       | 0.062        |
| 8/22/2010              | 0.046       | 0.055       | 0.057       | 0.051       | 0.046       | 0.046       | 0.049       | 0.038        |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Joanna Bald | Butner      | Mendenhall  | Waynesville | Frying Pan  | Purchase    | Barnet Knob | West Johnson |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>County</b>          | Graham      | Granville   | Guilford    | Haywood     | Haywood     | Haywood     | Jackson     | Johnston     |
| <b>AQS Code</b>        | 37-075-0001 | 37-077-0001 | 37-081-0013 | 37-087-0004 | 37-087-0035 | 37-087-0036 | 37-099-0005 | 37-101-0002  |
| <b>Latitude</b>        | 35.257930   | 36.141110   | 36.109170   | 35.505280   | 35.379170   | 35.590000   | 35.524440   | 35.590830    |
| <b>Longitude</b>       | -83.795620  | -78.768060  | -79.801110  | -82.964720  | -82.792500  | -83.077500  | -83.236110  | -78.461940   |
| <b>Exceedance days</b> | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            |
| <b>Valid days</b>      | 201         | 214         | 214         | 214         | 210         | 214         | 213         | 214          |
| 8/23/2010              | 0.060       | 0.052       | 0.059       | 0.055       | 0.062       | 0.060       | 0.061       | 0.055        |
| 8/24/2010              | 0.063       | 0.047       | 0.052       | 0.060       | 0.058       | 0.055       | 0.055       | 0.045        |
| 8/25/2010              | 0.068       | 0.044       | 0.053       | 0.056       | 0.054       | 0.056       | 0.056       | 0.053        |
| 8/26/2010              | 0.059       | 0.065       | 0.079       | 0.059       | 0.055       | 0.055       | 0.055       | 0.083        |
| 8/27/2010              | 0.066       | 0.063       | 0.061       | 0.060       | 0.057       | 0.066       | 0.058       | 0.066        |
| 8/28/2010              | 0.054       | 0.060       | 0.068       | 0.051       | 0.054       | 0.049       | 0.056       | 0.055        |
| 8/29/2010              | 0.052       | 0.057       | 0.056       | 0.050       | 0.045       | 0.050       | 0.051       | 0.055        |
| 8/30/2010              | 0.062       | 0.062       | 0.057       | 0.047       | 0.056       | 0.050       | 0.053       | 0.062        |
| 8/31/2010              | 0.057       | 0.063       | 0.070       | 0.062       | 0.077       | 0.054       | 0.059       | 0.068        |
| 9/1/2010               | 0.059       | 0.084       | 0.079       | 0.066       | 0.064       | 0.072       | 0.068       | 0.075        |
| 9/2/2010               | 0.077       | 0.062       | 0.078       | 0.071       | 0.071       | 0.066       | 0.064       | 0.044        |
| 9/3/2010               | 0.076       | 0.071       | 0.069       | 0.062       | 0.064       | 0.064       | 0.063       | 0.077        |
| 9/4/2010               | 0.048       | 0.048       | 0.047       | 0.050       | 0.050       | 0.049       | 0.051       | 0.055        |
| 9/5/2010               | 0.058       | 0.058       | 0.061       | 0.054       | 0.055       | 0.045       | 0.050       | 0.048        |
| 9/6/2010               | 0.065       | 0.063       | 0.059       | 0.053       | 0.065       | 0.058       | 0.065       | 0.061        |
| 9/7/2010               | 0.065       | 0.064       | 0.064       | 0.054       | 0.061       | 0.056       | 0.065       | 0.058        |
| 9/8/2010               | 0.055       | 0.059       | 0.047       | 0.028       | 0.060       | 0.055       | 0.058       | 0.051        |
| 9/9/2010               | 0.060       | 0.066       | 0.067       | 0.054       | 0.062       | 0.054       | 0.057       | 0.076        |
| 9/10/2010              | 0.059       | 0.075       | 0.065       | 0.044       | 0.061       | 0.058       | 0.057       | 0.075        |
| 9/11/2010              | 0.063       | 0.047       | 0.050       | 0.036       | 0.067       | 0.058       | 0.061       | 0.048        |
| 9/12/2010              | 0.049       | 0.052       | 0.045       | 0.045       | 0.047       | 0.041       | 0.046       | 0.051        |
| 9/13/2010              | 0.053       | 0.059       | 0.060       | 0.054       | 0.057       | 0.052       | 0.054       | 0.058        |
| 9/14/2010              | 0.067       | 0.066       | 0.065       | 0.062       | 0.059       | 0.064       | 0.064       | 0.077        |
| 9/15/2010              | 0.071       | 0.073       | 0.098       | 0.061       | 0.070       | 0.062       | 0.061       | 0.068        |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Joanna Bald | Butner      | Mendenhall  | Waynesville | Frying Pan  | Purchase    | Barnet Knob | West Johnson |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>County</b>          | Graham      | Granville   | Guilford    | Haywood     | Haywood     | Haywood     | Jackson     | Johnston     |
| <b>AQS Code</b>        | 37-075-0001 | 37-077-0001 | 37-081-0013 | 37-087-0004 | 37-087-0035 | 37-087-0036 | 37-099-0005 | 37-101-0002  |
| <b>Latitude</b>        | 35.257930   | 36.141110   | 36.109170   | 35.505280   | 35.379170   | 35.590000   | 35.524440   | 35.590830    |
| <b>Longitude</b>       | -83.795620  | -78.768060  | -79.801110  | -82.964720  | -82.792500  | -83.077500  | -83.236110  | -78.461940   |
| <b>Exceedance days</b> | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            |
| <b>Valid days</b>      | 201         | 214         | 214         | 214         | 210         | 214         | 213         | 214          |
| 9/16/2010              | 0.065       | 0.066       | 0.074       | 0.054       | 0.071       | 0.065       | 0.068       | 0.066        |
| 9/17/2010              | 0.062       | 0.061       | 0.064       | 0.057       | 0.060       | 0.053       | 0.060       | 0.063        |
| 9/18/2010              | 0.061       | 0.063       | 0.065       | 0.061       | 0.060       | 0.062       | 0.058       | 0.060        |
| 9/19/2010              | 0.069       | 0.065       | 0.082       | 0.053       | 0.059       | 0.059       | 0.063       | 0.062        |
| 9/20/2010              | 0.060       | 0.063       | 0.078       | 0.055       | 0.063       | 0.065       | 0.061       | 0.064        |
| 9/21/2010              | 0.082       | 0.078       | 0.067       | 0.063       | 0.083       | 0.071       | 0.085       | 0.065        |
| 9/22/2010              | 0.074       | 0.066       | 0.074       | 0.056       | 0.078       | 0.067       | 0.085       | 0.060        |
| 9/23/2010              | 0.063       | 0.080       | 0.089       | 0.057       | 0.059       | 0.055       | 0.062       | 0.077        |
| 9/24/2010              | 0.053       | 0.071       | 0.068       | 0.046       | 0.052       | 0.045       | 0.055       | 0.065        |
| 9/25/2010              | 0.051       | 0.059       | 0.061       | 0.044       | 0.049       | 0.044       | 0.047       | 0.053        |
| 9/26/2010              | 0.052       | 0.056       | 0.053       | 0.028       | 0.042       | 0.037       | 0.045       | 0.044        |
| 9/27/2010              | 0.041       | 0.028       | 0.022       | 0.044       | 0.052       | 0.040       | 0.050       | 0.024        |
| 9/28/2010              | 0.049       | 0.052       | 0.050       | 0.047       | 0.047       | 0.037       | 0.045       | 0.052        |
| 9/29/2010              | 0.046       | 0.025       | 0.023       | 0.043       | 0.043       | 0.044       | 0.047       | 0.025        |
| 9/30/2010              | 0.061       | 0.025       | 0.035       | 0.039       | 0.056       | 0.056       | 0.062       | 0.024        |
| 10/1/2010              | 0.063       | 0.046       | 0.044       | 0.044       | 0.047       | 0.055       | 0.063       | 0.045        |
| 10/2/2010              | 0.056       | 0.044       | 0.047       | 0.050       | 0.052       | 0.047       | 0.055       | 0.044        |
| 10/3/2010              | 0.045       | 0.045       | 0.042       | 0.039       | 0.046       | 0.044       | 0.048       | 0.030        |
| 10/4/2010              | 0.028       | 0.041       | 0.042       | 0.029       | 0.031       | 0.027       | 0.031       | 0.038        |
| 10/5/2010              | 0.043       | 0.043       | 0.042       | 0.038       | 0.039       | 0.036       | 0.041       | 0.040        |
| 10/6/2010              | 0.059       | 0.045       | 0.046       | 0.050       | 0.053       | 0.052       | 0.057       | 0.044        |
| 10/7/2010              | 0.073       | 0.068       | 0.067       | 0.061       | 0.067       | 0.061       | 0.067       | 0.066        |
| 10/8/2010              | 0.065       | 0.056       | 0.070       | 0.053       | 0.063       | 0.061       | 0.063       | 0.054        |
| 10/9/2010              | 0.065       | 0.064       | 0.064       | 0.061       | 0.067       | 0.064       | 0.063       | 0.081        |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Joanna Bald | Butner      | Mendenhall  | Waynesville | Frying Pan  | Purchase    | Barnet Knob | West Johnson |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>County</b>          | Graham      | Granville   | Guilford    | Haywood     | Haywood     | Haywood     | Jackson     | Johnston     |
| <b>AQS Code</b>        | 37-075-0001 | 37-077-0001 | 37-081-0013 | 37-087-0004 | 37-087-0035 | 37-087-0036 | 37-099-0005 | 37-101-0002  |
| <b>Latitude</b>        | 35.257930   | 36.141110   | 36.109170   | 35.505280   | 35.379170   | 35.590000   | 35.524440   | 35.590830    |
| <b>Longitude</b>       | -83.795620  | -78.768060  | -79.801110  | -82.964720  | -82.792500  | -83.077500  | -83.236110  | -78.461940   |
| <b>Exceedance days</b> | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            |
| <b>Valid days</b>      | 201         | 214         | 214         | 214         | 210         | 214         | 213         | 214          |
| 10/10/2010             | 0.059       | 0.070       | 0.073       | 0.059       | 0.067       | 0.064       | 0.066       | 0.071        |
| 10/11/2010             | 0.077       | 0.067       | 0.077       | 0.066       | 0.069       | 0.061       | 0.068       | 0.064        |
| 10/12/2010             | 0.069       | 0.078       | 0.081       | 0.067       | 0.073       | 0.067       | 0.071       | 0.072        |
| 10/13/2010             |             | 0.062       | 0.056       | 0.062       | 0.062       | 0.061       | 0.064       | 0.063        |
| 10/14/2010             |             | 0.042       | 0.041       | 0.042       | 0.058       | 0.053       | 0.057       | 0.042        |
| 10/15/2010             | 0.053       | 0.044       | 0.043       | 0.051       | 0.049       | 0.047       | 0.052       | 0.046        |
| 10/16/2010             | 0.051       | 0.044       | 0.045       | 0.048       | 0.047       | 0.045       | 0.048       | 0.042        |
| 10/17/2010             | 0.058       | 0.057       | 0.053       | 0.053       | 0.052       | 0.053       | 0.056       | 0.051        |
| 10/18/2010             | 0.062       | 0.063       | 0.057       | 0.055       | 0.059       | 0.059       | 0.064       | 0.060        |
| 10/19/2010             | 0.076       | 0.057       | 0.065       | 0.068       | 0.068       | 0.067       | 0.072       | 0.062        |
| 10/20/2010             | 0.062       | 0.035       | 0.029       | 0.048       | 0.068       | 0.060       | 0.067       | 0.035        |
| 10/21/2010             | 0.056       | 0.059       | 0.054       | 0.050       | 0.051       | 0.050       | 0.053       | 0.053        |
| 10/22/2010             | 0.054       | 0.041       | 0.043       | 0.052       | 0.053       | 0.051       | 0.053       | 0.041        |
| 10/23/2010             | 0.059       | 0.055       | 0.057       | 0.054       | 0.060       | 0.049       | 0.059       | 0.052        |
| 10/24/2010             | 0.054       | 0.050       | 0.055       | 0.050       | 0.054       | 0.049       | 0.058       | 0.049        |
| 10/25/2010             | 0.045       | 0.037       | 0.030       | 0.042       | 0.044       | 0.040       | 0.045       | 0.034        |
| 10/26/2010             | 0.025       | 0.024       | 0.024       | 0.029       | 0.027       | 0.025       | 0.029       | 0.023        |
| 10/27/2010             | 0.046       | 0.025       | 0.024       | 0.027       | 0.042       | 0.038       | 0.032       | 0.027        |
| 10/28/2010             | 0.050       | 0.042       | 0.042       | 0.042       | 0.048       | 0.043       | 0.047       | 0.028        |
| 10/29/2010             | 0.053       | 0.035       | 0.034       | 0.046       | 0.049       | 0.049       | 0.053       | 0.033        |
| 10/30/2010             | 0.056       | 0.041       | 0.042       | 0.053       | 0.051       | 0.050       | 0.053       | 0.039        |
| 10/31/2010             | 0.059       | 0.056       | 0.054       | 0.053       | 0.055       | 0.054       | 0.056       | 0.052        |

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Joanna Bald | Butner      | Mendenhall  | Waynesville | Frying Pan  | Purchase    | Barnet Knob | West Johnson |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| <b>County</b>          | Graham      | Granville   | Guilford    | Haywood     | Haywood     | Haywood     | Jackson     | Johnston     |
| <b>AQS Code</b>        | 37-075-0001 | 37-077-0001 | 37-081-0013 | 37-087-0004 | 37-087-0035 | 37-087-0036 | 37-099-0005 | 37-101-0002  |
| <b>Latitude</b>        | 35.257930   | 36.141110   | 36.109170   | 35.505280   | 35.379170   | 35.590000   | 35.524440   | 35.590830    |
| <b>Longitude</b>       | -83.795620  | -78.768060  | -79.801110  | -82.964720  | -82.792500  | -83.077500  | -83.236110  | -78.461940   |
| <b>Exceedance days</b> | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0            |
| <b>Valid days</b>      | 201         | 214         | 214         | 214         | 210         | 214         | 213         | 214          |
| <b>Max conc rank</b>   |             |             |             |             |             |             |             |              |
| 1                      | 0.087       | 0.090       | 0.099       | 0.081       | 0.083       | 0.085       | 0.092       | 0.086        |
| 2                      | 0.082       | 0.090       | 0.098       | 0.081       | 0.080       | 0.078       | 0.085       | 0.086        |
| 3                      | 0.081       | 0.085       | 0.090       | 0.075       | 0.080       | 0.077       | 0.085       | 0.083        |
| 4                      | 0.078       | 0.084       | 0.089       | 0.075       | 0.078       | 0.077       | 0.077       | 0.083        |
| 5                      | 0.078       | 0.081       | 0.085       | 0.075       | 0.078       | 0.077       | 0.075       | 0.081        |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Lenoir Comm. | Crouse<br>College | Jamesville  | Garinger    | Arrowood    | County Line | Castle Hayne | Bushy Fork  |
|----------------------------|--------------|-------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>County</b>              | Lenoir       | Lincoln           | Martin      | Mecklenburg | Mecklenburg | Mecklenburg | New Hanover  | Person      |
| <b>AQS Code</b>            | 37-107-0004  | 37-109-0004       | 37-117-0001 | 37-119-0041 | 37-119-1005 | 37-119-1009 | 37-129-0002  | 37-145-0003 |
| <b>Latitude</b>            | 35.231460    | 35.438560         | 35.810650   | 35.240280   | 35.113060   | 35.348610   | 34.364170    | 36.306970   |
| <b>Longitude</b>           | -77.568790   | -81.276750        | -76.906310  | -80.785560  | -80.919720  | -80.693610  | -77.838610   | -79.091970  |
| <b>Exceedance<br/>days</b> | 0            | 0                 | 0           | 0           | 0           | 0           | 0            | 0           |
| <b>Valid days</b>          | 214          | 214               | 211         | 214         | 214         | 214         | 214          | 214         |
| 4/1/2010                   | 0.073        | 0.070             | 0.067       | 0.070       | 0.060       | 0.070       | 0.073        | 0.065       |
| 4/2/2010                   | 0.077        | 0.076             | 0.069       | 0.079       | 0.073       | 0.083       | 0.090        | 0.077       |
| 4/3/2010                   | 0.066        | 0.067             | 0.054       | 0.076       | 0.076       | 0.071       | 0.062        | 0.060       |
| 4/4/2010                   | 0.062        | 0.064             | 0.064       | 0.073       | 0.067       | 0.075       | 0.060        | 0.065       |
| 4/5/2010                   | 0.061        | 0.059             | 0.063       | 0.063       | 0.053       | 0.069       | 0.054        | 0.065       |
| 4/6/2010                   | 0.058        | 0.063             | 0.064       | 0.057       | 0.052       | 0.058       | 0.051        | 0.072       |
| 4/7/2010                   | 0.056        | 0.061             | 0.060       | 0.060       | 0.053       | 0.060       | 0.047        | 0.064       |
| 4/8/2010                   | 0.051        | 0.049             | 0.052       | 0.041       | 0.039       | 0.041       | 0.052        | 0.047       |
| 4/9/2010                   | 0.054        | 0.052             | 0.052       | 0.052       | 0.046       | 0.054       | 0.053        | 0.056       |
| 4/10/2010                  | 0.060        | 0.062             | 0.058       | 0.061       | 0.063       | 0.060       | 0.055        | 0.057       |
| 4/11/2010                  | 0.062        | 0.069             | 0.060       | 0.069       | 0.067       | 0.072       | 0.059        | 0.066       |
| 4/12/2010                  | 0.065        | 0.078             | 0.067       | 0.077       | 0.078       | 0.075       | 0.056        | 0.074       |
| 4/13/2010                  | 0.065        | 0.073             | 0.063       | 0.074       | 0.068       | 0.077       | 0.057        | 0.075       |
| 4/14/2010                  | 0.053        | 0.046             | 0.056       | 0.046       | 0.048       | 0.046       | 0.053        | 0.052       |
| 4/15/2010                  | 0.067        | 0.073             | 0.061       | 0.068       | 0.065       | 0.067       | 0.063        | 0.069       |
| 4/16/2010                  | 0.073        | 0.074             | 0.077       | 0.071       | 0.064       | 0.076       | 0.065        | 0.075       |
| 4/17/2010                  | 0.062        | 0.054             | 0.059       | 0.062       | 0.057       | 0.056       | 0.064        | 0.062       |
| 4/18/2010                  | 0.056        | 0.053             | 0.056       | 0.057       | 0.056       | 0.056       | 0.056        | 0.053       |
| 4/19/2010                  | 0.049        | 0.053             | 0.048       | 0.049       | 0.050       | 0.051       | 0.050        | 0.053       |
| 4/20/2010                  | 0.061        | 0.058             | 0.059       | 0.061       | 0.051       | 0.063       | 0.058        | 0.061       |
| 4/21/2010                  | 0.043        | 0.052             | 0.047       | 0.053       | 0.044       | 0.055       | 0.049        | 0.049       |
| 4/22/2010                  | 0.077        | 0.066             | 0.066       | 0.067       | 0.060       | 0.069       | 0.066        | 0.070       |
| 4/23/2010                  | 0.061        | 0.079             | 0.071       | 0.071       | 0.065       | 0.075       | 0.066        | 0.050       |
| 4/24/2010                  | 0.060        | 0.048             |             | 0.048       | 0.050       | 0.053       | 0.052        | 0.059       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Lenoir Comm. | Crouse<br>College | Jamesville  | Garinger    | Arrowood    | County Line | Castle Hayne | Bushy Fork  |
|----------------------------|--------------|-------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>County</b>              | Lenoir       | Lincoln           | Martin      | Mecklenburg | Mecklenburg | Mecklenburg | New Hanover  | Person      |
| <b>AQS Code</b>            | 37-107-0004  | 37-109-0004       | 37-117-0001 | 37-119-0041 | 37-119-1005 | 37-119-1009 | 37-129-0002  | 37-145-0003 |
| <b>Latitude</b>            | 35.231460    | 35.438560         | 35.810650   | 35.240280   | 35.113060   | 35.348610   | 34.364170    | 36.306970   |
| <b>Longitude</b>           | -77.568790   | -81.276750        | -76.906310  | -80.785560  | -80.919720  | -80.693610  | -77.838610   | -79.091970  |
| <b>Exceedance<br/>days</b> | 0            | 0                 | 0           | 0           | 0           | 0           | 0            | 0           |
| <b>Valid days</b>          | 214          | 214               | 211         | 214         | 214         | 214         | 214          | 214         |
| 4/25/2010                  | 0.041        | 0.057             |             | 0.047       | 0.045       | 0.047       | 0.048        | 0.044       |
| 4/26/2010                  | 0.060        | 0.048             |             | 0.049       | 0.043       | 0.051       | 0.058        | 0.052       |
| 4/27/2010                  | 0.052        | 0.040             | 0.046       | 0.040       | 0.036       | 0.043       | 0.051        | 0.050       |
| 4/28/2010                  | 0.052        | 0.050             | 0.050       | 0.049       | 0.045       | 0.052       | 0.051        | 0.052       |
| 4/29/2010                  | 0.060        | 0.064             | 0.062       | 0.064       | 0.055       | 0.065       | 0.060        | 0.068       |
| 4/30/2010                  | 0.064        | 0.065             | 0.068       | 0.064       | 0.055       | 0.068       | 0.064        | 0.072       |
| 5/1/2010                   | 0.053        | 0.042             | 0.054       | 0.044       | 0.041       | 0.047       | 0.047        | 0.056       |
| 5/2/2010                   | 0.034        | 0.030             | 0.032       | 0.034       | 0.033       | 0.034       | 0.036        | 0.034       |
| 5/3/2010                   | 0.035        | 0.025             | 0.036       | 0.028       | 0.028       | 0.029       | 0.035        | 0.033       |
| 5/4/2010                   | 0.023        | 0.071             | 0.025       | 0.062       | 0.063       | 0.063       | 0.030        | 0.061       |
| 5/5/2010                   | 0.058        | 0.071             | 0.062       | 0.068       | 0.064       | 0.068       | 0.044        | 0.068       |
| 5/6/2010                   | 0.067        | 0.077             | 0.069       | 0.080       | 0.067       | 0.088       | 0.055        | 0.073       |
| 5/7/2010                   | 0.073        | 0.096             | 0.062       | 0.080       | 0.072       | 0.077       | 0.062        | 0.088       |
| 5/8/2010                   | 0.059        | 0.056             | 0.057       | 0.057       | 0.056       | 0.057       | 0.052        | 0.058       |
| 5/9/2010                   | 0.046        | 0.047             | 0.044       | 0.048       | 0.045       | 0.048       | 0.047        | 0.048       |
| 5/10/2010                  | 0.056        | 0.055             | 0.052       | 0.054       | 0.052       | 0.053       | 0.051        | 0.054       |
| 5/11/2010                  | 0.055        | 0.018             | 0.058       | 0.037       | 0.032       | 0.037       | 0.055        | 0.041       |
| 5/12/2010                  | 0.045        | 0.051             | 0.047       | 0.043       | 0.038       | 0.046       | 0.044        | 0.056       |
| 5/13/2010                  | 0.041        | 0.058             | 0.045       | 0.053       | 0.043       | 0.061       | 0.045        | 0.039       |
| 5/14/2010                  | 0.047        | 0.057             | 0.055       | 0.062       | 0.049       | 0.070       | 0.045        | 0.060       |
| 5/15/2010                  | 0.059        | 0.054             | 0.060       | 0.075       | 0.049       | 0.071       | 0.045        | 0.049       |
| 5/16/2010                  | 0.050        | 0.049             | 0.055       | 0.057       | 0.052       | 0.052       | 0.045        | 0.045       |
| 5/17/2010                  | 0.035        | 0.021             | 0.050       | 0.034       | 0.030       | 0.035       | 0.027        | 0.048       |
| 5/18/2010                  | 0.031        | 0.044             | 0.034       | 0.050       | 0.044       | 0.050       | 0.031        | 0.034       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Lenoir Comm. | Crouse<br>College | Jamesville  | Garinger    | Arrowood    | County Line | Castle Hayne | Bushy Fork  |
|----------------------------|--------------|-------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>County</b>              | Lenoir       | Lincoln           | Martin      | Mecklenburg | Mecklenburg | Mecklenburg | New Hanover  | Person      |
| <b>AQS Code</b>            | 37-107-0004  | 37-109-0004       | 37-117-0001 | 37-119-0041 | 37-119-1005 | 37-119-1009 | 37-129-0002  | 37-145-0003 |
| <b>Latitude</b>            | 35.231460    | 35.438560         | 35.810650   | 35.240280   | 35.113060   | 35.348610   | 34.364170    | 36.306970   |
| <b>Longitude</b>           | -77.568790   | -81.276750        | -76.906310  | -80.785560  | -80.919720  | -80.693610  | -77.838610   | -79.091970  |
| <b>Exceedance<br/>days</b> | 0            | 0                 | 0           | 0           | 0           | 0           | 0            | 0           |
| <b>Valid days</b>          | 214          | 214               | 211         | 214         | 214         | 214         | 214          | 214         |
| 5/19/2010                  | 0.041        | 0.048             | 0.036       | 0.052       | 0.055       | 0.047       | 0.039        | 0.039       |
| 5/20/2010                  | 0.055        | 0.051             | 0.047       | 0.060       | 0.062       | 0.057       | 0.047        | 0.056       |
| 5/21/2010                  | 0.061        | 0.034             | 0.064       | 0.059       | 0.048       | 0.062       | 0.058        | 0.061       |
| 5/22/2010                  | 0.059        | 0.048             | 0.057       | 0.053       | 0.049       | 0.054       | 0.054        | 0.044       |
| 5/23/2010                  | 0.042        | 0.044             | 0.047       | 0.054       | 0.055       | 0.053       | 0.047        | 0.047       |
| 5/24/2010                  | 0.033        | 0.050             | 0.037       | 0.047       | 0.046       | 0.050       | 0.044        | 0.035       |
| 5/25/2010                  | 0.039        | 0.028             | 0.039       | 0.032       | 0.030       | 0.033       | 0.035        | 0.034       |
| 5/26/2010                  | 0.033        | 0.052             | 0.044       | 0.061       | 0.057       | 0.059       | 0.025        | 0.059       |
| 5/27/2010                  | 0.071        | 0.062             | 0.068       | 0.070       | 0.074       | 0.069       | 0.064        | 0.061       |
| 5/28/2010                  | 0.059        | 0.071             | 0.047       | 0.067       | 0.069       | 0.064       | 0.052        | 0.064       |
| 5/29/2010                  | 0.051        | 0.066             | 0.042       | 0.049       | 0.052       | 0.045       | 0.046        | 0.051       |
| 5/30/2010                  | 0.038        | 0.033             | 0.037       | 0.038       | 0.034       | 0.040       | 0.045        | 0.042       |
| 5/31/2010                  | 0.043        | 0.035             | 0.040       | 0.029       | 0.031       | 0.029       | 0.040        | 0.042       |
| 6/1/2010                   | 0.034        | 0.047             | 0.034       | 0.062       | 0.044       | 0.063       | 0.035        | 0.047       |
| 6/2/2010                   | 0.045        | 0.058             | 0.040       | 0.053       | 0.048       | 0.062       | 0.039        | 0.053       |
| 6/3/2010                   | 0.050        | 0.063             | 0.057       | 0.062       | 0.044       | 0.075       | 0.052        | 0.063       |
| 6/4/2010                   | 0.047        | 0.061             | 0.056       | 0.048       | 0.038       | 0.056       | 0.043        | 0.063       |
| 6/5/2010                   | 0.039        | 0.043             | 0.044       | 0.044       | 0.043       | 0.051       | 0.038        | 0.055       |
| 6/6/2010                   | 0.042        | 0.042             | 0.045       | 0.043       | 0.042       | 0.047       | 0.042        | 0.045       |
| 6/7/2010                   | 0.053        | 0.051             | 0.048       | 0.055       | 0.050       | 0.057       | 0.051        | 0.048       |
| 6/8/2010                   | 0.060        | 0.065             | 0.054       | 0.069       | 0.060       | 0.084       | 0.056        | 0.056       |
| 6/9/2010                   | 0.055        | 0.060             | 0.057       | 0.055       | 0.051       | 0.057       | 0.056        | 0.048       |
| 6/10/2010                  | 0.067        | 0.039             | 0.063       | 0.062       | 0.045       | 0.072       | 0.049        | 0.056       |
| 6/11/2010                  | 0.061        | 0.074             | 0.071       | 0.081       | 0.092       | 0.080       | 0.055        | 0.065       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Lenoir Comm. | Crouse<br>College | Jamesville  | Garinger    | Arrowood    | County Line | Castle Hayne | Bushy Fork  |
|----------------------------|--------------|-------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>County</b>              | Lenoir       | Lincoln           | Martin      | Mecklenburg | Mecklenburg | Mecklenburg | New Hanover  | Person      |
| <b>AQS Code</b>            | 37-107-0004  | 37-109-0004       | 37-117-0001 | 37-119-0041 | 37-119-1005 | 37-119-1009 | 37-129-0002  | 37-145-0003 |
| <b>Latitude</b>            | 35.231460    | 35.438560         | 35.810650   | 35.240280   | 35.113060   | 35.348610   | 34.364170    | 36.306970   |
| <b>Longitude</b>           | -77.568790   | -81.276750        | -76.906310  | -80.785560  | -80.919720  | -80.693610  | -77.838610   | -79.091970  |
| <b>Exceedance<br/>days</b> | 0            | 0                 | 0           | 0           | 0           | 0           | 0            | 0           |
| <b>Valid days</b>          | 214          | 214               | 211         | 214         | 214         | 214         | 214          | 214         |
| 6/12/2010                  | 0.060        | 0.062             | 0.062       | 0.091       | 0.070       | 0.103       | 0.055        | 0.061       |
| 6/13/2010                  | 0.051        | 0.036             | 0.050       | 0.056       | 0.041       | 0.046       | 0.044        | 0.039       |
| 6/14/2010                  | 0.054        | 0.040             | 0.052       | 0.052       | 0.045       | 0.050       | 0.049        | 0.046       |
| 6/15/2010                  | 0.058        | 0.048             | 0.060       | 0.105       | 0.071       | 0.075       | 0.066        | 0.051       |
| 6/16/2010                  | 0.048        | 0.067             | 0.045       | 0.078       | 0.071       | 0.092       | 0.045        | 0.053       |
| 6/17/2010                  | 0.070        | 0.054             | 0.055       | 0.061       | 0.073       | 0.071       | 0.063        | 0.060       |
| 6/18/2010                  | 0.061        | 0.080             | 0.065       | 0.064       | 0.067       | 0.064       | 0.057        | 0.057       |
| 6/19/2010                  | 0.050        | 0.064             | 0.055       | 0.073       | 0.064       | 0.079       | 0.046        | 0.059       |
| 6/20/2010                  | 0.054        | 0.055             | 0.055       | 0.067       | 0.071       | 0.059       | 0.052        | 0.057       |
| 6/21/2010                  | 0.067        | 0.071             | 0.063       | 0.082       | 0.104       | 0.080       | 0.062        | 0.071       |
| 6/22/2010                  | 0.063        | 0.064             | 0.068       | 0.085       | 0.074       | 0.078       | 0.052        | 0.091       |
| 6/23/2010                  | 0.078        | 0.075             | 0.067       | 0.117       | 0.071       | 0.115       | 0.054        | 0.059       |
| 6/24/2010                  | 0.064        | 0.058             | 0.074       | 0.070       | 0.057       | 0.085       | 0.055        | 0.066       |
| 6/25/2010                  | 0.076        | 0.067             | 0.065       | 0.069       | 0.078       | 0.077       | 0.069        | 0.065       |
| 6/26/2010                  | 0.056        | 0.055             | 0.061       | 0.072       | 0.064       | 0.072       | 0.054        | 0.062       |
| 6/27/2010                  | 0.054        | 0.060             | 0.070       | 0.071       | 0.060       | 0.081       | 0.053        | 0.066       |
| 6/28/2010                  | 0.053        | 0.051             | 0.066       | 0.060       | 0.049       | 0.069       | 0.053        | 0.063       |
| 6/29/2010                  | 0.055        | 0.055             | 0.065       | 0.080       | 0.051       | 0.067       | 0.045        | 0.055       |
| 6/30/2010                  | 0.049        | 0.064             | 0.038       | 0.042       | 0.044       | 0.049       | 0.050        | 0.055       |
| 7/1/2010                   | 0.063        | 0.069             | 0.065       | 0.066       | 0.068       | 0.067       | 0.051        | 0.068       |
| 7/2/2010                   | 0.058        | 0.071             | 0.058       | 0.061       | 0.065       | 0.064       | 0.054        | 0.062       |
| 7/3/2010                   | 0.056        | 0.070             | 0.055       | 0.068       | 0.066       | 0.069       | 0.051        | 0.060       |
| 7/4/2010                   | 0.063        | 0.084             | 0.066       | 0.072       | 0.068       | 0.073       | 0.065        | 0.073       |
| 7/5/2010                   | 0.054        | 0.066             | 0.062       | 0.062       | 0.058       | 0.067       | 0.057        | 0.072       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Lenoir Comm. | Crouse<br>College | Jamesville  | Garinger    | Arrowood    | County Line | Castle Hayne | Bushy Fork  |
|----------------------------|--------------|-------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>County</b>              | Lenoir       | Lincoln           | Martin      | Mecklenburg | Mecklenburg | Mecklenburg | New Hanover  | Person      |
| <b>AQS Code</b>            | 37-107-0004  | 37-109-0004       | 37-117-0001 | 37-119-0041 | 37-119-1005 | 37-119-1009 | 37-129-0002  | 37-145-0003 |
| <b>Latitude</b>            | 35.231460    | 35.438560         | 35.810650   | 35.240280   | 35.113060   | 35.348610   | 34.364170    | 36.306970   |
| <b>Longitude</b>           | -77.568790   | -81.276750        | -76.906310  | -80.785560  | -80.919720  | -80.693610  | -77.838610   | -79.091970  |
| <b>Exceedance<br/>days</b> | 0            | 0                 | 0           | 0           | 0           | 0           | 0            | 0           |
| <b>Valid days</b>          | 214          | 214               | 211         | 214         | 214         | 214         | 214          | 214         |
| 7/6/2010                   | 0.071        | 0.063             | 0.070       | 0.063       | 0.057       | 0.077       | 0.051        | 0.077       |
| 7/7/2010                   | 0.090        | 0.065             | 0.091       | 0.109       | 0.072       | 0.096       | 0.074        | 0.086       |
| 7/8/2010                   | 0.016        | 0.099             | 0.055       | 0.092       | 0.098       | 0.095       | 0.066        | 0.106       |
| 7/9/2010                   | 0.060        | 0.082             | 0.045       | 0.102       | 0.078       | 0.106       | 0.062        | 0.071       |
| 7/10/2010                  | 0.058        | 0.052             | 0.054       | 0.062       | 0.059       | 0.055       | 0.055        | 0.051       |
| 7/11/2010                  | 0.055        | 0.074             | 0.057       | 0.066       | 0.075       | 0.064       | 0.053        | 0.062       |
| 7/12/2010                  | 0.040        | 0.043             | 0.049       | 0.038       | 0.037       | 0.037       | 0.042        | 0.056       |
| 7/13/2010                  | 0.041        | 0.048             | 0.046       | 0.049       | 0.043       | 0.056       | 0.041        | 0.041       |
| 7/14/2010                  | 0.043        | 0.056             | 0.046       | 0.058       | 0.063       | 0.054       | 0.033        | 0.061       |
| 7/15/2010                  | 0.047        | 0.073             | 0.063       | 0.073       | 0.085       | 0.075       | 0.048        | 0.068       |
| 7/16/2010                  | 0.039        | 0.053             | 0.045       | 0.059       | 0.056       | 0.065       | 0.042        | 0.056       |
| 7/17/2010                  | 0.042        | 0.059             | 0.041       | 0.046       | 0.043       | 0.052       | 0.034        | 0.047       |
| 7/18/2010                  | 0.033        | 0.043             | 0.048       | 0.034       | 0.030       | 0.046       | 0.028        | 0.058       |
| 7/19/2010                  | 0.031        | 0.054             | 0.038       | 0.055       | 0.048       | 0.059       | 0.032        | 0.055       |
| 7/20/2010                  | 0.050        | 0.053             | 0.058       | 0.059       | 0.051       | 0.067       | 0.037        | 0.063       |
| 7/21/2010                  | 0.050        | 0.055             | 0.053       | 0.065       | 0.048       | 0.064       | 0.037        | 0.049       |
| 7/22/2010                  | 0.066        | 0.061             | 0.060       | 0.087       | 0.090       | 0.079       | 0.056        | 0.059       |
| 7/23/2010                  | 0.048        | 0.059             | 0.056       | 0.078       | 0.071       | 0.078       | 0.050        | 0.080       |
| 7/24/2010                  | 0.033        | 0.059             | 0.047       | 0.052       | 0.044       | 0.079       | 0.030        | 0.062       |
| 7/25/2010                  | 0.039        | 0.062             | 0.048       | 0.053       | 0.045       | 0.059       | 0.032        | 0.063       |
| 7/26/2010                  | 0.045        | 0.058             | 0.054       | 0.066       | 0.070       | 0.064       | 0.048        | 0.063       |
| 7/27/2010                  | 0.040        | 0.065             | 0.044       | 0.068       | 0.060       | 0.055       | 0.044        | 0.043       |
| 7/28/2010                  | 0.049        | 0.056             | 0.042       | 0.088       | 0.067       | 0.081       | 0.040        | 0.053       |
| 7/29/2010                  | 0.048        | 0.050             | 0.056       | 0.057       | 0.052       | 0.061       | 0.048        | 0.053       |

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Lenoir Comm. | Crouse<br>College | Jamesville  | Garinger    | Arrowood    | County Line | Castle Hayne | Bushy Fork  |
|----------------------------|--------------|-------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>County</b>              | Lenoir       | Lincoln           | Martin      | Mecklenburg | Mecklenburg | Mecklenburg | New Hanover  | Person      |
| <b>AQS Code</b>            | 37-107-0004  | 37-109-0004       | 37-117-0001 | 37-119-0041 | 37-119-1005 | 37-119-1009 | 37-129-0002  | 37-145-0003 |
| <b>Latitude</b>            | 35.231460    | 35.438560         | 35.810650   | 35.240280   | 35.113060   | 35.348610   | 34.364170    | 36.306970   |
| <b>Longitude</b>           | -77.568790   | -81.276750        | -76.906310  | -80.785560  | -80.919720  | -80.693610  | -77.838610   | -79.091970  |
| <b>Exceedance<br/>days</b> | 0            | 0                 | 0           | 0           | 0           | 0           | 0            | 0           |
| <b>Valid days</b>          | 214          | 214               | 211         | 214         | 214         | 214         | 214          | 214         |
| 7/30/2010                  | 0.061        | 0.063             | 0.057       | 0.061       | 0.070       | 0.066       | 0.051        | 0.070       |
| 7/31/2010                  | 0.043        | 0.047             | 0.044       | 0.050       | 0.049       | 0.047       | 0.052        | 0.040       |
| 8/1/2010                   | 0.045        | 0.031             | 0.035       | 0.030       | 0.035       | 0.034       | 0.035        | 0.040       |
| 8/2/2010                   | 0.048        | 0.052             | 0.041       | 0.046       | 0.047       | 0.047       | 0.038        | 0.039       |
| 8/3/2010                   | 0.044        | 0.055             | 0.038       | 0.051       | 0.044       | 0.053       | 0.038        | 0.052       |
| 8/4/2010                   | 0.041        | 0.049             | 0.049       | 0.044       | 0.044       | 0.055       | 0.043        | 0.058       |
| 8/5/2010                   | 0.052        | 0.064             | 0.050       | 0.050       | 0.048       | 0.059       | 0.031        | 0.051       |
| 8/6/2010                   | 0.049        | 0.048             | 0.052       | 0.069       | 0.072       | 0.076       | 0.046        | 0.062       |
| 8/7/2010                   | 0.046        | 0.069             | 0.061       | 0.063       | 0.063       | 0.064       | 0.052        | 0.062       |
| 8/8/2010                   | 0.048        | 0.064             | 0.056       | 0.058       | 0.058       | 0.056       | 0.048        | 0.057       |
| 8/9/2010                   | 0.050        | 0.065             | 0.055       | 0.095       | 0.064       | 0.081       | 0.037        | 0.081       |
| 8/10/2010                  | 0.048        | 0.058             | 0.057       | 0.069       | 0.058       | 0.084       | 0.034        | 0.075       |
| 8/11/2010                  | 0.045        | 0.067             | 0.059       | 0.076       | 0.046       | 0.085       | 0.038        | 0.070       |
| 8/12/2010                  | 0.070        | 0.060             | 0.064       | 0.082       | 0.076       | 0.082       | 0.046        | 0.062       |
| 8/13/2010                  | 0.053        | 0.077             | 0.058       | 0.061       | 0.066       | 0.065       | 0.052        | 0.058       |
| 8/14/2010                  | 0.032        | 0.053             | 0.040       | 0.046       | 0.047       | 0.044       | 0.037        | 0.036       |
| 8/15/2010                  | 0.038        | 0.043             | 0.040       | 0.036       | 0.038       | 0.038       | 0.035        | 0.037       |
| 8/16/2010                  | 0.041        | 0.059             | 0.039       | 0.044       | 0.036       | 0.042       | 0.033        | 0.043       |
| 8/17/2010                  | 0.043        | 0.035             | 0.037       | 0.039       | 0.032       | 0.043       | 0.043        | 0.049       |
| 8/18/2010                  | 0.032        | 0.044             | 0.039       | 0.043       | 0.035       | 0.055       | 0.033        | 0.044       |
| 8/19/2010                  | 0.053        | 0.042             | 0.032       | 0.044       | 0.032       | 0.051       | 0.043        | 0.030       |
| 8/20/2010                  | 0.047        | 0.059             | 0.061       | 0.044       | 0.043       | 0.047       | 0.040        | 0.064       |
| 8/21/2010                  | 0.064        | 0.057             | 0.072       | 0.052       | 0.055       | 0.053       | 0.063        | 0.066       |
| 8/22/2010                  | 0.038        | 0.045             | 0.041       | 0.061       | 0.061       | 0.066       | 0.037        | 0.050       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Lenoir Comm. | Crouse<br>College | Jamesville  | Garinger    | Arrowood    | County Line | Castle Hayne | Bushy Fork  |
|----------------------------|--------------|-------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>County</b>              | Lenoir       | Lincoln           | Martin      | Mecklenburg | Mecklenburg | Mecklenburg | New Hanover  | Person      |
| <b>AQS Code</b>            | 37-107-0004  | 37-109-0004       | 37-117-0001 | 37-119-0041 | 37-119-1005 | 37-119-1009 | 37-129-0002  | 37-145-0003 |
| <b>Latitude</b>            | 35.231460    | 35.438560         | 35.810650   | 35.240280   | 35.113060   | 35.348610   | 34.364170    | 36.306970   |
| <b>Longitude</b>           | -77.568790   | -81.276750        | -76.906310  | -80.785560  | -80.919720  | -80.693610  | -77.838610   | -79.091970  |
| <b>Exceedance<br/>days</b> | 0            | 0                 | 0           | 0           | 0           | 0           | 0            | 0           |
| <b>Valid days</b>          | 214          | 214               | 211         | 214         | 214         | 214         | 214          | 214         |
| 8/23/2010                  | 0.044        | 0.058             | 0.064       | 0.065       | 0.067       | 0.062       | 0.050        | 0.064       |
| 8/24/2010                  | 0.047        | 0.056             | 0.041       | 0.057       | 0.059       | 0.053       | 0.052        | 0.047       |
| 8/25/2010                  | 0.046        | 0.054             | 0.044       | 0.071       | 0.055       | 0.073       | 0.043        | 0.042       |
| 8/26/2010                  | 0.064        | 0.068             | 0.061       | 0.079       | 0.076       | 0.076       | 0.051        | 0.057       |
| 8/27/2010                  | 0.059        | 0.065             | 0.052       | 0.057       | 0.058       | 0.057       | 0.045        | 0.062       |
| 8/28/2010                  | 0.048        | 0.063             | 0.057       | 0.055       | 0.057       | 0.053       | 0.055        | 0.061       |
| 8/29/2010                  | 0.057        | 0.055             | 0.068       | 0.055       | 0.056       | 0.053       | 0.055        | 0.062       |
| 8/30/2010                  | 0.066        | 0.081             | 0.058       | 0.062       | 0.061       | 0.057       | 0.057        | 0.072       |
| 8/31/2010                  | 0.067        | 0.067             | 0.080       | 0.069       | 0.071       | 0.069       | 0.064        | 0.069       |
| 9/1/2010                   | 0.065        | 0.080             | 0.066       | 0.080       | 0.077       | 0.074       | 0.068        | 0.075       |
| 9/2/2010                   | 0.032        | 0.070             | 0.035       | 0.075       | 0.074       | 0.071       | 0.029        | 0.070       |
| 9/3/2010                   | 0.074        | 0.067             | 0.066       | 0.069       | 0.058       | 0.068       | 0.072        | 0.065       |
| 9/4/2010                   | 0.057        | 0.052             | 0.055       | 0.058       | 0.056       | 0.054       | 0.056        | 0.045       |
| 9/5/2010                   | 0.059        | 0.056             | 0.048       | 0.054       | 0.055       | 0.057       | 0.055        | 0.056       |
| 9/6/2010                   | 0.057        | 0.072             | 0.056       | 0.060       | 0.061       | 0.058       | 0.057        | 0.064       |
| 9/7/2010                   | 0.059        | 0.057             | 0.054       | 0.071       | 0.057       | 0.085       | 0.051        | 0.058       |
| 9/8/2010                   | 0.051        | 0.054             | 0.049       | 0.068       | 0.046       | 0.063       | 0.043        | 0.054       |
| 9/9/2010                   | 0.074        | 0.065             | 0.069       | 0.073       | 0.072       | 0.074       | 0.064        | 0.065       |
| 9/10/2010                  | 0.060        | 0.068             | 0.055       | 0.082       | 0.074       | 0.076       | 0.058        | 0.065       |
| 9/11/2010                  | 0.045        | 0.036             | 0.049       | 0.050       | 0.051       | 0.051       | 0.052        | 0.044       |
| 9/12/2010                  | 0.049        | 0.049             | 0.037       | 0.051       | 0.052       | 0.047       | 0.051        | 0.048       |
| 9/13/2010                  | 0.055        | 0.056             | 0.051       | 0.059       | 0.059       | 0.057       | 0.059        | 0.058       |
| 9/14/2010                  | 0.078        | 0.064             | 0.073       | 0.076       | 0.060       | 0.071       | 0.062        | 0.064       |
| 9/15/2010                  | 0.065        | 0.077             | 0.065       | 0.072       | 0.070       | 0.065       | 0.062        | 0.063       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Lenoir Comm. | Crouse<br>College | Jamesville  | Garinger    | Arrowood    | County Line | Castle Hayne | Bushy Fork  |
|----------------------------|--------------|-------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>County</b>              | Lenoir       | Lincoln           | Martin      | Mecklenburg | Mecklenburg | Mecklenburg | New Hanover  | Person      |
| <b>AQS Code</b>            | 37-107-0004  | 37-109-0004       | 37-117-0001 | 37-119-0041 | 37-119-1005 | 37-119-1009 | 37-129-0002  | 37-145-0003 |
| <b>Latitude</b>            | 35.231460    | 35.438560         | 35.810650   | 35.240280   | 35.113060   | 35.348610   | 34.364170    | 36.306970   |
| <b>Longitude</b>           | -77.568790   | -81.276750        | -76.906310  | -80.785560  | -80.919720  | -80.693610  | -77.838610   | -79.091970  |
| <b>Exceedance<br/>days</b> | 0            | 0                 | 0           | 0           | 0           | 0           | 0            | 0           |
| <b>Valid days</b>          | 214          | 214               | 211         | 214         | 214         | 214         | 214          | 214         |
| 9/16/2010                  | 0.058        | 0.063             | 0.063       | 0.055       | 0.047       | 0.059       | 0.054        | 0.067       |
| 9/17/2010                  | 0.050        | 0.057             | 0.057       | 0.076       | 0.089       | 0.067       | 0.051        | 0.062       |
| 9/18/2010                  | 0.057        | 0.072             | 0.057       | 0.068       | 0.070       | 0.070       | 0.056        | 0.068       |
| 9/19/2010                  | 0.053        | 0.063             | 0.051       | 0.080       | 0.088       | 0.076       | 0.050        | 0.086       |
| 9/20/2010                  | 0.066        | 0.066             | 0.066       | 0.070       | 0.075       | 0.070       | 0.061        | 0.072       |
| 9/21/2010                  | 0.059        | 0.088             | 0.056       | 0.068       | 0.062       | 0.066       | 0.055        | 0.076       |
| 9/22/2010                  | 0.053        | 0.079             | 0.056       | 0.064       | 0.054       | 0.077       | 0.056        | 0.086       |
| 9/23/2010                  | 0.068        | 0.076             | 0.078       | 0.084       | 0.066       | 0.086       | 0.064        | 0.071       |
| 9/24/2010                  | 0.056        | 0.065             | 0.057       | 0.068       | 0.051       | 0.075       | 0.044        | 0.070       |
| 9/25/2010                  | 0.045        | 0.061             | 0.049       | 0.056       | 0.048       | 0.063       | 0.043        | 0.063       |
| 9/26/2010                  | 0.032        | 0.032             | 0.036       | 0.041       | 0.039       | 0.040       | 0.036        | 0.056       |
| 9/27/2010                  | 0.025        | 0.036             | 0.025       | 0.023       | 0.023       | 0.027       | 0.036        | 0.025       |
| 9/28/2010                  | 0.040        | 0.039             | 0.033       | 0.050       | 0.048       | 0.054       | 0.040        | 0.052       |
| 9/29/2010                  | 0.025        | 0.021             | 0.016       | 0.023       | 0.022       | 0.023       | 0.029        | 0.024       |
| 9/30/2010                  | 0.026        | 0.040             | 0.030       | 0.036       | 0.034       | 0.037       | 0.024        | 0.031       |
| 10/1/2010                  | 0.038        | 0.048             | 0.039       | 0.049       | 0.047       | 0.049       | 0.034        | 0.042       |
| 10/2/2010                  | 0.039        | 0.051             | 0.040       | 0.053       | 0.056       | 0.054       | 0.034        | 0.044       |
| 10/3/2010                  | 0.031        | 0.040             | 0.026       | 0.041       | 0.042       | 0.043       | 0.028        | 0.042       |
| 10/4/2010                  | 0.035        | 0.040             | 0.030       | 0.040       | 0.037       | 0.039       | 0.034        | 0.042       |
| 10/5/2010                  | 0.041        | 0.037             | 0.037       | 0.040       | 0.035       | 0.039       | 0.041        | 0.042       |
| 10/6/2010                  | 0.043        | 0.046             | 0.035       | 0.049       | 0.038       | 0.050       | 0.043        | 0.045       |
| 10/7/2010                  | 0.065        | 0.064             | 0.066       | 0.064       | 0.053       | 0.067       | 0.062        | 0.068       |
| 10/8/2010                  | 0.054        | 0.063             | 0.048       | 0.064       | 0.058       | 0.068       | 0.058        | 0.057       |
| 10/9/2010                  | 0.072        | 0.070             | 0.061       | 0.068       | 0.069       | 0.066       | 0.062        | 0.068       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Lenoir Comm. | Crouse<br>College | Jamesville  | Garinger    | Arrowood    | County Line | Castle Hayne | Bushy Fork  |
|----------------------------|--------------|-------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>County</b>              | Lenoir       | Lincoln           | Martin      | Mecklenburg | Mecklenburg | Mecklenburg | New Hanover  | Person      |
| <b>AQS Code</b>            | 37-107-0004  | 37-109-0004       | 37-117-0001 | 37-119-0041 | 37-119-1005 | 37-119-1009 | 37-129-0002  | 37-145-0003 |
| <b>Latitude</b>            | 35.231460    | 35.438560         | 35.810650   | 35.240280   | 35.113060   | 35.348610   | 34.364170    | 36.306970   |
| <b>Longitude</b>           | -77.568790   | -81.276750        | -76.906310  | -80.785560  | -80.919720  | -80.693610  | -77.838610   | -79.091970  |
| <b>Exceedance<br/>days</b> | 0            | 0                 | 0           | 0           | 0           | 0           | 0            | 0           |
| <b>Valid days</b>          | 214          | 214               | 211         | 214         | 214         | 214         | 214          | 214         |
| 10/10/2010                 | 0.069        | 0.066             | 0.070       | 0.075       | 0.072       | 0.078       | 0.070        | 0.073       |
| 10/11/2010                 | 0.068        | 0.057             | 0.068       | 0.067       | 0.059       | 0.068       | 0.064        | 0.075       |
| 10/12/2010                 | 0.071        | 0.072             | 0.067       | 0.076       | 0.064       | 0.076       | 0.069        | 0.081       |
| 10/13/2010                 | 0.061        | 0.072             | 0.055       | 0.077       | 0.073       | 0.072       | 0.060        | 0.058       |
| 10/14/2010                 | 0.049        | 0.043             | 0.042       | 0.044       | 0.037       | 0.044       | 0.053        | 0.043       |
| 10/15/2010                 | 0.049        | 0.049             | 0.045       | 0.049       | 0.042       | 0.050       | 0.045        | 0.043       |
| 10/16/2010                 | 0.042        | 0.046             | 0.038       | 0.046       | 0.044       | 0.047       | 0.039        | 0.046       |
| 10/17/2010                 | 0.054        | 0.051             | 0.050       | 0.059       | 0.055       | 0.057       | 0.054        | 0.056       |
| 10/18/2010                 | 0.062        | 0.040             | 0.054       | 0.035       | 0.032       | 0.032       | 0.065        | 0.064       |
| 10/19/2010                 | 0.071        | 0.065             | 0.070       | 0.068       | 0.058       | 0.069       | 0.065        | 0.044       |
| 10/20/2010                 | 0.039        | 0.053             | 0.045       | 0.049       | 0.049       | 0.051       | 0.058        | 0.028       |
| 10/21/2010                 | 0.057        | 0.053             | 0.055       | 0.054       | 0.049       | 0.055       | 0.055        | 0.056       |
| 10/22/2010                 | 0.044        | 0.052             | 0.041       | 0.048       | 0.043       | 0.046       | 0.048        | 0.043       |
| 10/23/2010                 | 0.047        | 0.061             | 0.046       | 0.062       | 0.058       | 0.063       | 0.048        | 0.058       |
| 10/24/2010                 | 0.044        | 0.054             | 0.043       | 0.053       | 0.051       | 0.055       | 0.044        | 0.054       |
| 10/25/2010                 | 0.032        | 0.032             | 0.035       | 0.030       | 0.025       | 0.029       | 0.035        | 0.036       |
| 10/26/2010                 | 0.030        | 0.020             | 0.028       | 0.025       | 0.024       | 0.025       | 0.032        | 0.025       |
| 10/27/2010                 | 0.032        | 0.021             | 0.028       | 0.021       | 0.021       | 0.022       | 0.032        | 0.025       |
| 10/28/2010                 | 0.031        | 0.040             | 0.026       | 0.038       | 0.032       | 0.043       | 0.025        | 0.042       |
| 10/29/2010                 | 0.034        | 0.041             | 0.030       | 0.036       | 0.033       | 0.036       | 0.036        | 0.035       |
| 10/30/2010                 | 0.038        | 0.047             | 0.036       | 0.043       | 0.042       | 0.043       | 0.041        | 0.042       |
| 10/31/2010                 | 0.052        | 0.054             | 0.052       | 0.052       | 0.048       | 0.054       | 0.047        | 0.055       |

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name                  | Lenoir Comm. | Crouse<br>College | Jamesville  | Garinger    | Arrowood    | County Line | Castle Hayne | Bushy Fork  |
|----------------------------|--------------|-------------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>County</b>              | Lenoir       | Lincoln           | Martin      | Mecklenburg | Mecklenburg | Mecklenburg | New Hanover  | Person      |
| <b>AQS Code</b>            | 37-107-0004  | 37-109-0004       | 37-117-0001 | 37-119-0041 | 37-119-1005 | 37-119-1009 | 37-129-0002  | 37-145-0003 |
| <b>Latitude</b>            | 35.231460    | 35.438560         | 35.810650   | 35.240280   | 35.113060   | 35.348610   | 34.364170    | 36.306970   |
| <b>Longitude</b>           | -77.568790   | -81.276750        | -76.906310  | -80.785560  | -80.919720  | -80.693610  | -77.838610   | -79.091970  |
| <b>Exceedance<br/>days</b> | 0            | 0                 | 0           | 0           | 0           | 0           | 0            | 0           |
| <b>Valid days</b>          | 214          | 214               | 211         | 214         | 214         | 214         | 214          | 214         |
| <b>Max conc rank</b>       |              |                   |             |             |             |             |              |             |
| 1                          | 0.090        | 0.099             | 0.091       | 0.117       | 0.104       | 0.115       | 0.090        | 0.106       |
| 2                          | 0.078        | 0.096             | 0.080       | 0.109       | 0.098       | 0.106       | 0.074        | 0.091       |
| 3                          | 0.078        | 0.088             | 0.078       | 0.105       | 0.092       | 0.103       | 0.073        | 0.088       |
| 4                          | 0.077        | 0.084             | 0.077       | 0.102       | 0.090       | 0.096       | 0.072        | 0.086       |
| 5                          | 0.077        | 0.082             | 0.074       | 0.095       | 0.089       | 0.095       | 0.070        | 0.086       |

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Pitt County<br>Ag. Center | Bethany     | Rockwell    | Enochville  | Bryson City | Monroe      | Millbrook   | Fuquay      |
|------------------------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>County</b>          | Pitt                      | Rockingham  | Rowan       | Rowan       | Swain       | Union       | Wake        | Wake        |
| <b>AQS Code</b>        | 37-147-0006               | 37-157-0099 | 37-159-0021 | 37-159-0022 | 37-173-0002 | 37-179-0003 | 37-183-0014 | 37-183-0016 |
| <b>Latitude</b>        | 35.638610                 | 36.308890   | 35.551870   | 35.534480   | 35.434380   | 34.973890   | 35.856110   | 35.596940   |
| <b>Longitude</b>       | -77.358050                | -79.859170  | -80.395040  | -80.667560  | -83.442100  | -80.540830  | -78.574170  | -78.792500  |
| <b>Exceedance days</b> | 0                         | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| <b>Valid days</b>      | 211                       | 214         | 214         | 213         | 205         | 214         | 214         | 214         |
| 4/1/2010               | 0.066                     | 0.077       | 0.074       | 0.073       | 0.060       | 0.066       | 0.071       | 0.072       |
| 4/2/2010               | 0.078                     | 0.090       | 0.085       | 0.090       | 0.070       | 0.074       | 0.073       | 0.078       |
| 4/3/2010               | 0.065                     | 0.073       | 0.070       | 0.074       | 0.065       | 0.067       | 0.058       | 0.062       |
| 4/4/2010               | 0.061                     | 0.067       | 0.073       | 0.070       | 0.058       | 0.062       | 0.062       | 0.062       |
| 4/5/2010               | 0.063                     | 0.060       | 0.074       | 0.068       | 0.039       | 0.057       | 0.059       | 0.063       |
| 4/6/2010               | 0.059                     | 0.068       | 0.064       | 0.065       | 0.056       | 0.057       | 0.056       | 0.062       |
| 4/7/2010               | 0.058                     | 0.067       | 0.065       | 0.066       | 0.063       | 0.058       | 0.051       | 0.058       |
| 4/8/2010               | 0.049                     | 0.048       | 0.041       | 0.042       | 0.045       | 0.041       | 0.041       | 0.045       |
| 4/9/2010               | 0.052                     | 0.056       | 0.055       | 0.055       | 0.056       | 0.055       | 0.050       | 0.055       |
| 4/10/2010              | 0.057                     | 0.057       | 0.060       | 0.062       | 0.058       | 0.058       | 0.056       | 0.064       |
| 4/11/2010              | 0.062                     | 0.068       | 0.069       | 0.075       | 0.064       | 0.064       | 0.059       | 0.061       |
| 4/12/2010              | 0.063                     | 0.072       | 0.075       | 0.046       | 0.068       | 0.072       | 0.062       | 0.074       |
| 4/13/2010              | 0.064                     | 0.076       | 0.080       | 0.077       | 0.070       | 0.069       | 0.059       | 0.068       |
| 4/14/2010              | 0.052                     | 0.048       | 0.052       | 0.051       | 0.070       | 0.050       | 0.046       | 0.052       |
| 4/15/2010              | 0.060                     | 0.071       | 0.066       | 0.068       | 0.067       | 0.067       | 0.057       | 0.061       |
| 4/16/2010              | 0.072                     | 0.072       | 0.074       | 0.074       | 0.069       | 0.074       | 0.069       | 0.076       |
| 4/17/2010              | 0.056                     | 0.062       | 0.058       | 0.059       | 0.057       | 0.066       | 0.054       | 0.057       |
| 4/18/2010              | 0.054                     | 0.052       | 0.054       | 0.057       | 0.055       | 0.061       | 0.051       | 0.057       |
| 4/19/2010              | 0.047                     | 0.051       | 0.052       | 0.054       | 0.059       | 0.053       | 0.046       | 0.051       |
| 4/20/2010              | 0.061                     | 0.060       | 0.059       | 0.065       | 0.035       | 0.058       | 0.056       | 0.061       |
| 4/21/2010              | 0.044                     | 0.054       | 0.056       | 0.057       | 0.062       | 0.050       | 0.041       | 0.049       |
| 4/22/2010              | 0.068                     | 0.071       | 0.069       | 0.069       | 0.064       | 0.072       | 0.067       | 0.075       |
| 4/23/2010              | 0.068                     | 0.051       | 0.073       | 0.078       | 0.060       | 0.071       | 0.046       | 0.057       |
| 4/24/2010              | 0.064                     | 0.063       | 0.054       | 0.059       | 0.051       | 0.049       | 0.053       | 0.058       |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>       | <b>Pitt County<br/>Ag. Center</b> | <b>Bethany</b> | <b>Rockwell</b> | <b>Enochville</b> | <b>Bryson City</b> | <b>Monroe</b> | <b>Millbrook</b> | <b>Fuquay</b> |
|------------------------|-----------------------------------|----------------|-----------------|-------------------|--------------------|---------------|------------------|---------------|
| <b>County</b>          | Pitt                              | Rockingham     | Rowan           | Rowan             | Swain              | Union         | Wake             | Wake          |
| <b>AQS Code</b>        | 37-147-0006                       | 37-157-0099    | 37-159-0021     | 37-159-0022       | 37-173-0002        | 37-179-0003   | 37-183-0014      | 37-183-0016   |
| <b>Latitude</b>        | 35.638610                         | 36.308890      | 35.551870       | 35.534480         | 35.434380          | 34.973890     | 35.856110        | 35.596940     |
| <b>Longitude</b>       | -77.358050                        | -79.859170     | -80.395040      | -80.667560        | -83.442100         | -80.540830    | -78.574170       | -78.792500    |
| <b>Exceedance days</b> | 0                                 | 0              | 0               | 0                 | 0                  | 0             | 0                | 0             |
| <b>Valid days</b>      | 211                               | 214            | 214             | 213               | 205                | 214           | 214              | 214           |
| 4/25/2010              | 0.041                             | 0.052          | 0.048           | 0.051             | 0.055              | 0.047         | 0.035            | 0.037         |
| 4/26/2010              | 0.056                             | 0.047          | 0.053           | 0.052             | 0.046              | 0.052         | 0.048            | 0.052         |
| 4/27/2010              | 0.050                             | 0.045          | 0.052           | 0.046             |                    | 0.047         | 0.047            | 0.050         |
| 4/28/2010              | 0.049                             | 0.051          | 0.049           | 0.051             |                    | 0.051         | 0.048            | 0.052         |
| 4/29/2010              | 0.061                             | 0.066          | 0.068           | 0.068             |                    | 0.059         | 0.053            | 0.060         |
| 4/30/2010              | 0.067                             | 0.076          | 0.072           | 0.070             |                    | 0.065         | 0.059            | 0.069         |
| 5/1/2010               | 0.053                             | 0.053          | 0.051           | 0.052             |                    | 0.045         | 0.042            | 0.050         |
| 5/2/2010               | 0.034                             | 0.036          | 0.033           | 0.037             |                    | 0.034         | 0.033            | 0.036         |
| 5/3/2010               | 0.035                             | 0.031          | 0.030           | 0.031             |                    | 0.032         | 0.027            | 0.030         |
| 5/4/2010               | 0.035                             | 0.062          | 0.064           | 0.068             |                    | 0.054         | 0.050            | 0.050         |
| 5/5/2010               | 0.064                             | 0.075          | 0.064           | 0.076             |                    | 0.060         | 0.078            | 0.066         |
| 5/6/2010               | 0.066                             | 0.069          | 0.090           | 0.086             | 0.066              | 0.073         | 0.066            | 0.071         |
| 5/7/2010               | 0.072                             | 0.083          | 0.075           | 0.084             | 0.085              | 0.074         | 0.078            | 0.077         |
| 5/8/2010               | 0.060                             | 0.059          | 0.060           | 0.062             | 0.054              | 0.060         | 0.059            | 0.061         |
| 5/9/2010               | 0.045                             | 0.047          | 0.047           | 0.050             | 0.044              | 0.050         | 0.046            | 0.049         |
| 5/10/2010              | 0.052                             | 0.059          | 0.054           | 0.059             | 0.043              | 0.054         | 0.055            | 0.060         |
| 5/11/2010              | 0.055                             | 0.043          | 0.041           | 0.037             | 0.030              | 0.037         | 0.048            | 0.049         |
| 5/12/2010              | 0.047                             | 0.054          | 0.051           | 0.053             | 0.033              | 0.043         | 0.040            | 0.046         |
| 5/13/2010              | 0.036                             | 0.037          | 0.069           | 0.063             | 0.039              | 0.055         | 0.035            | 0.055         |
| 5/14/2010              | 0.057                             | 0.073          | 0.076           | 0.079             | 0.041              | 0.051         | 0.053            | 0.053         |
| 5/15/2010              | 0.058                             | 0.048          | 0.061           | 0.068             | 0.042              | 0.050         | 0.052            | 0.062         |
| 5/16/2010              | 0.051                             | 0.047          | 0.049           | 0.056             | 0.032              | 0.048         | 0.047            | 0.056         |
| 5/17/2010              | 0.042                             | 0.044          | 0.030           | 0.035             | 0.039              | 0.032         | 0.043            | 0.033         |
| 5/18/2010              | 0.032                             | 0.036          | 0.047           | 0.044             | 0.044              | 0.047         | 0.032            | 0.035         |

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Pitt County<br>Ag. Center | Bethany     | Rockwell    | Enochville  | Bryson City | Monroe      | Millbrook   | Fuquay      |
|------------------------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>County</b>          | Pitt                      | Rockingham  | Rowan       | Rowan       | Swain       | Union       | Wake        | Wake        |
| <b>AQS Code</b>        | 37-147-0006               | 37-157-0099 | 37-159-0021 | 37-159-0022 | 37-173-0002 | 37-179-0003 | 37-183-0014 | 37-183-0016 |
| <b>Latitude</b>        | 35.638610                 | 36.308890   | 35.551870   | 35.534480   | 35.434380   | 34.973890   | 35.856110   | 35.596940   |
| <b>Longitude</b>       | -77.358050                | -79.859170  | -80.395040  | -80.667560  | -83.442100  | -80.540830  | -78.574170  | -78.792500  |
| <b>Exceedance days</b> | 0                         | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| <b>Valid days</b>      | 211                       | 214         | 214         | 213         | 205         | 214         | 214         | 214         |
| 5/19/2010              | 0.031                     | 0.043       | 0.042       | 0.046       | 0.050       | 0.052       | 0.038       | 0.044       |
| 5/20/2010              | 0.054                     | 0.053       | 0.059       | 0.056       | 0.050       | 0.054       | 0.049       | 0.057       |
| 5/21/2010              | 0.059                     | 0.077       | 0.058       | 0.059       | 0.045       | 0.057       | 0.066       | 0.062       |
| 5/22/2010              | 0.060                     | 0.048       | 0.053       | 0.058       | 0.048       | 0.047       | 0.050       | 0.054       |
| 5/23/2010              | 0.046                     | 0.045       | 0.053       | 0.056       | 0.056       | 0.051       | 0.046       | 0.051       |
| 5/24/2010              | 0.032                     | 0.038       | 0.052       | 0.057       | 0.053       | 0.042       | 0.027       | 0.032       |
| 5/25/2010              | 0.037                     | 0.034       | 0.036       | 0.034       | 0.033       | 0.023       | 0.037       | 0.036       |
| 5/26/2010              | 0.038                     | 0.057       | 0.057       | 0.062       | 0.047       | 0.050       | 0.047       | 0.049       |
| 5/27/2010              | 0.069                     | 0.060       | 0.068       | 0.070       | 0.058       | 0.067       | 0.058       | 0.073       |
| 5/28/2010              | 0.051                     | 0.068       | 0.061       | 0.072       | 0.040       | 0.061       | 0.056       | 0.064       |
| 5/29/2010              | 0.051                     | 0.057       | 0.046       | 0.053       | 0.045       | 0.051       | 0.045       | 0.045       |
| 5/30/2010              | 0.044                     | 0.049       | 0.043       | 0.049       | 0.028       | 0.040       | 0.039       | 0.035       |
| 5/31/2010              | 0.042                     | 0.032       | 0.034       | 0.030       | 0.041       | 0.030       | 0.038       | 0.039       |
| 6/1/2010               | 0.038                     | 0.048       | 0.053       | 0.059       | 0.042       | 0.044       | 0.036       | 0.036       |
| 6/2/2010               | 0.043                     | 0.064       | 0.058       | 0.062       | 0.045       | 0.052       | 0.054       | 0.042       |
| 6/3/2010               | 0.056                     | 0.060       | 0.068       | 0.081       | 0.049       | 0.047       | 0.057       | 0.048       |
| 6/4/2010               | 0.063                     | 0.067       | 0.064       | 0.060       | 0.035       | 0.045       | 0.058       | 0.054       |
| 6/5/2010               | 0.047                     | 0.043       | 0.049       | 0.048       | 0.035       | 0.039       | 0.039       | 0.042       |
| 6/6/2010               | 0.047                     | 0.042       | 0.047       | 0.046       | 0.035       | 0.041       | 0.043       | 0.045       |
| 6/7/2010               | 0.052                     | 0.051       | 0.052       | 0.055       | 0.056       | 0.061       | 0.050       | 0.054       |
| 6/8/2010               | 0.054                     | 0.055       | 0.063       | 0.074       | 0.051       | 0.057       | 0.051       | 0.059       |
| 6/9/2010               | 0.056                     | 0.057       | 0.060       | 0.055       | 0.044       | 0.050       | 0.051       | 0.057       |
| 6/10/2010              | 0.064                     | 0.049       | 0.057       | 0.049       | 0.038       | 0.049       | 0.054       | 0.054       |
| 6/11/2010              | 0.067                     | 0.073       | 0.078       | 0.083       | 0.030       | 0.060       | 0.068       | 0.075       |

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Pitt County<br>Ag. Center | Bethany     | Rockwell    | Enochville  | Bryson City | Monroe      | Millbrook   | Fuquay      |
|------------------------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>County</b>          | Pitt                      | Rockingham  | Rowan       | Rowan       | Swain       | Union       | Wake        | Wake        |
| <b>AQS Code</b>        | 37-147-0006               | 37-157-0099 | 37-159-0021 | 37-159-0022 | 37-173-0002 | 37-179-0003 | 37-183-0014 | 37-183-0016 |
| <b>Latitude</b>        | 35.638610                 | 36.308890   | 35.551870   | 35.534480   | 35.434380   | 34.973890   | 35.856110   | 35.596940   |
| <b>Longitude</b>       | -77.358050                | -79.859170  | -80.395040  | -80.667560  | -83.442100  | -80.540830  | -78.574170  | -78.792500  |
| <b>Exceedance days</b> | 0                         | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| <b>Valid days</b>      | 211                       | 214         | 214         | 213         | 205         | 214         | 214         | 214         |
| 6/12/2010              | 0.067                     | 0.073       | 0.091       | 0.081       | 0.032       | 0.068       | 0.064       | 0.064       |
| 6/13/2010              | 0.048                     | 0.040       | 0.060       | 0.048       | 0.032       | 0.036       | 0.043       | 0.046       |
| 6/14/2010              | 0.056                     | 0.041       | 0.051       | 0.056       | 0.034       | 0.067       | 0.048       | 0.053       |
| 6/15/2010              | 0.053                     | 0.058       | 0.059       | 0.010       | 0.036       | 0.079       | 0.052       | 0.074       |
| 6/16/2010              | 0.056                     | 0.044       | 0.097       |             | 0.035       | 0.057       | 0.058       | 0.064       |
| 6/17/2010              | 0.062                     | 0.057       | 0.062       | 0.065       | 0.061       | 0.064       | 0.061       | 0.064       |
| 6/18/2010              | 0.060                     | 0.067       | 0.061       | 0.082       | 0.046       | 0.060       | 0.060       | 0.067       |
| 6/19/2010              | 0.053                     | 0.063       | 0.059       | 0.075       | 0.053       | 0.054       | 0.060       | 0.060       |
| 6/20/2010              | 0.067                     | 0.056       | 0.056       | 0.054       | 0.053       | 0.056       | 0.057       | 0.060       |
| 6/21/2010              | 0.060                     | 0.057       | 0.077       | 0.063       | 0.046       | 0.068       | 0.065       | 0.065       |
| 6/22/2010              | 0.070                     | 0.063       | 0.079       | 0.077       | 0.050       | 0.064       | 0.077       | 0.063       |
| 6/23/2010              | 0.065                     | 0.052       | 0.083       | 0.080       | 0.043       | 0.070       | 0.062       | 0.060       |
| 6/24/2010              | 0.079                     | 0.051       | 0.076       | 0.067       | 0.038       | 0.066       | 0.075       | 0.080       |
| 6/25/2010              | 0.067                     | 0.061       | 0.071       | 0.068       | 0.041       | 0.060       | 0.063       | 0.076       |
| 6/26/2010              | 0.064                     | 0.063       | 0.061       | 0.060       | 0.043       | 0.081       | 0.065       | 0.054       |
| 6/27/2010              | 0.073                     | 0.062       | 0.066       | 0.066       | 0.042       | 0.052       | 0.059       | 0.059       |
| 6/28/2010              | 0.064                     | 0.056       | 0.075       | 0.064       | 0.042       | 0.050       | 0.062       | 0.058       |
| 6/29/2010              | 0.067                     | 0.053       | 0.060       | 0.067       | 0.060       | 0.053       | 0.070       | 0.060       |
| 6/30/2010              | 0.038                     | 0.063       | 0.049       | 0.051       | 0.045       | 0.040       | 0.042       | 0.040       |
| 7/1/2010               | 0.060                     | 0.063       | 0.066       | 0.072       | 0.053       | 0.061       | 0.062       | 0.073       |
| 7/2/2010               | 0.056                     | 0.063       | 0.064       | 0.067       | 0.053       | 0.061       | 0.057       | 0.068       |
| 7/3/2010               | 0.058                     | 0.067       | 0.068       | 0.071       | 0.057       | 0.063       | 0.061       | 0.062       |
| 7/4/2010               | 0.068                     | 0.077       | 0.069       | 0.082       | 0.062       | 0.065       | 0.067       | 0.065       |
| 7/5/2010               | 0.064                     | 0.080       | 0.070       | 0.078       | 0.054       | 0.055       | 0.067       | 0.062       |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>       | <b>Pitt County<br/>Ag. Center</b> | <b>Bethany</b> | <b>Rockwell</b> | <b>Enochville</b> | <b>Bryson City</b> | <b>Monroe</b> | <b>Millbrook</b> | <b>Fuquay</b> |
|------------------------|-----------------------------------|----------------|-----------------|-------------------|--------------------|---------------|------------------|---------------|
| <b>County</b>          | Pitt                              | Rockingham     | Rowan           | Rowan             | Swain              | Union         | Wake             | Wake          |
| <b>AQS Code</b>        | 37-147-0006                       | 37-157-0099    | 37-159-0021     | 37-159-0022       | 37-173-0002        | 37-179-0003   | 37-183-0014      | 37-183-0016   |
| <b>Latitude</b>        | 35.638610                         | 36.308890      | 35.551870       | 35.534480         | 35.434380          | 34.973890     | 35.856110        | 35.596940     |
| <b>Longitude</b>       | -77.358050                        | -79.859170     | -80.395040      | -80.667560        | -83.442100         | -80.540830    | -78.574170       | -78.792500    |
| <b>Exceedance days</b> | 0                                 | 0              | 0               | 0                 | 0                  | 0             | 0                | 0             |
| <b>Valid days</b>      | 211                               | 214            | 214             | 213               | 205                | 214           | 214              | 214           |
| 7/6/2010               | 0.069                             | 0.075          | 0.071           | 0.090             | 0.054              | 0.051         | 0.090            | 0.072         |
| 7/7/2010               | 0.087                             | 0.080          | 0.086           | 0.085             | 0.054              | 0.081         | 0.076            | 0.093         |
| 7/8/2010               | 0.060                             | 0.095          | 0.103           | 0.088             | 0.061              | 0.081         | 0.087            | 0.094         |
| 7/9/2010               | 0.053                             | 0.080          | 0.087           | 0.093             | 0.049              | 0.071         | 0.078            | 0.083         |
| 7/10/2010              | 0.058                             | 0.051          | 0.053           | 0.053             | 0.052              | 0.056         | 0.045            | 0.048         |
| 7/11/2010              | 0.061                             | 0.061          | 0.066           | 0.062             | 0.046              | 0.062         | 0.056            | 0.060         |
| 7/12/2010              | 0.044                             | 0.048          | 0.038           | 0.040             | 0.038              | 0.043         | 0.041            | 0.049         |
| 7/13/2010              | 0.045                             | 0.057          | 0.049           | 0.069             | 0.036              | 0.045         | 0.045            | 0.046         |
| 7/14/2010              | 0.052                             | 0.058          | 0.059           | 0.055             | 0.047              | 0.059         | 0.055            | 0.058         |
| 7/15/2010              | 0.058                             | 0.066          | 0.067           | 0.072             | 0.052              | 0.072         | 0.061            | 0.074         |
| 7/16/2010              | 0.042                             | 0.066          | 0.057           | 0.078             | 0.057              | 0.059         | 0.054            | 0.054         |
| 7/17/2010              | 0.043                             | 0.041          | 0.057           | 0.056             | 0.039              | 0.044         | 0.046            | 0.045         |
| 7/18/2010              | 0.043                             | 0.048          | 0.048           | 0.042             | 0.031              | 0.031         | 0.044            | 0.033         |
| 7/19/2010              | 0.034                             | 0.048          | 0.058           | 0.053             | 0.037              | 0.041         | 0.038            | 0.034         |
| 7/20/2010              | 0.060                             | 0.059          | 0.062           | 0.061             | 0.034              | 0.047         | 0.050            | 0.055         |
| 7/21/2010              | 0.049                             | 0.041          | 0.061           | 0.057             | 0.030              | 0.060         | 0.051            | 0.060         |
| 7/22/2010              | 0.066                             | 0.068          | 0.070           | 0.063             | 0.035              | 0.074         | 0.067            | 0.065         |
| 7/23/2010              | 0.053                             | 0.066          | 0.070           | 0.065             | 0.032              | 0.050         | 0.069            | 0.058         |
| 7/24/2010              | 0.041                             | 0.053          | 0.068           | 0.069             | 0.041              | 0.047         | 0.060            | 0.044         |
| 7/25/2010              | 0.045                             | 0.063          | 0.074           | 0.067             | 0.043              | 0.047         | 0.051            | 0.046         |
| 7/26/2010              | 0.052                             | 0.059          | 0.068           | 0.065             | 0.041              | 0.061         | 0.058            | 0.063         |
| 7/27/2010              | 0.045                             | 0.054          | 0.046           | 0.061             | 0.043              | 0.057         | 0.038            | 0.037         |
| 7/28/2010              | 0.045                             | 0.062          | 0.061           | 0.058             | 0.036              | 0.056         | 0.053            | 0.050         |
| 7/29/2010              | 0.060                             | 0.053          | 0.053           | 0.053             | 0.039              | 0.067         | 0.063            | 0.063         |

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Pitt County<br>Ag. Center | Bethany     | Rockwell    | Enochville  | Bryson City | Monroe      | Millbrook   | Fuquay      |
|------------------------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>County</b>          | Pitt                      | Rockingham  | Rowan       | Rowan       | Swain       | Union       | Wake        | Wake        |
| <b>AQS Code</b>        | 37-147-0006               | 37-157-0099 | 37-159-0021 | 37-159-0022 | 37-173-0002 | 37-179-0003 | 37-183-0014 | 37-183-0016 |
| <b>Latitude</b>        | 35.638610                 | 36.308890   | 35.551870   | 35.534480   | 35.434380   | 34.973890   | 35.856110   | 35.596940   |
| <b>Longitude</b>       | -77.358050                | -79.859170  | -80.395040  | -80.667560  | -83.442100  | -80.540830  | -78.574170  | -78.792500  |
| <b>Exceedance days</b> | 0                         | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| <b>Valid days</b>      | 211                       | 214         | 214         | 213         | 205         | 214         | 214         | 214         |
| 7/30/2010              | 0.062                     | 0.061       | 0.073       | 0.065       | 0.048       | 0.062       | 0.061       | 0.066       |
| 7/31/2010              | 0.045                     | 0.046       | 0.049       | 0.045       | 0.042       | 0.048       | 0.045       | 0.049       |
| 8/1/2010               | 0.041                     | 0.037       | 0.033       | 0.038       | 0.044       | 0.037       | 0.037       | 0.042       |
| 8/2/2010               | 0.043                     | 0.045       | 0.043       | 0.049       | 0.039       | 0.043       | 0.048       | 0.059       |
| 8/3/2010               | 0.047                     | 0.063       | 0.054       | 0.062       | 0.042       | 0.036       | 0.056       | 0.052       |
| 8/4/2010               | 0.044                     | 0.070       | 0.070       | 0.062       | 0.046       | 0.041       | 0.046       | 0.041       |
| 8/5/2010               | 0.050                     | 0.064       | 0.067       | 0.066       | 0.047       | 0.052       | 0.044       | 0.049       |
| 8/6/2010               | 0.051                     | 0.060       | 0.065       | 0.066       | 0.052       | 0.076       | 0.073       | 0.059       |
| 8/7/2010               | 0.054                     | 0.071       | 0.065       | 0.072       | 0.051       | 0.061       | 0.062       | 0.064       |
| 8/8/2010               | 0.051                     | 0.061       | 0.059       | 0.060       | 0.052       | 0.053       | 0.058       | 0.055       |
| 8/9/2010               | 0.052                     | 0.069       | 0.059       | 0.075       | 0.054       | 0.063       | 0.059       | 0.062       |
| 8/10/2010              | 0.052                     | 0.077       | 0.093       | 0.069       | 0.052       | 0.047       | 0.069       | 0.055       |
| 8/11/2010              | 0.061                     | 0.078       | 0.087       | 0.077       | 0.056       | 0.045       | 0.063       | 0.052       |
| 8/12/2010              | 0.066                     | 0.060       | 0.070       | 0.069       | 0.047       | 0.069       | 0.069       | 0.068       |
| 8/13/2010              | 0.052                     | 0.060       | 0.065       | 0.079       | 0.051       | 0.057       | 0.055       | 0.057       |
| 8/14/2010              | 0.035                     | 0.045       | 0.044       | 0.044       | 0.044       | 0.047       | 0.038       | 0.039       |
| 8/15/2010              | 0.037                     | 0.039       | 0.039       | 0.042       | 0.040       | 0.036       | 0.043       | 0.046       |
| 8/16/2010              | 0.043                     | 0.049       | 0.038       | 0.046       | 0.041       | 0.036       | 0.054       | 0.051       |
| 8/17/2010              | 0.042                     | 0.052       | 0.041       | 0.055       | 0.034       | 0.034       | 0.052       | 0.051       |
| 8/18/2010              | 0.041                     | 0.041       | 0.050       | 0.046       | 0.026       | 0.036       | 0.039       | 0.035       |
| 8/19/2010              | 0.039                     | 0.035       | 0.042       | 0.055       | 0.038       | 0.033       | 0.038       | 0.036       |
| 8/20/2010              | 0.056                     | 0.080       | 0.053       | 0.055       | 0.047       | 0.040       | 0.060       | 0.062       |
| 8/21/2010              | 0.069                     | 0.065       | 0.056       | 0.058       | 0.038       | 0.056       | 0.063       | 0.067       |
| 8/22/2010              | 0.039                     | 0.052       | 0.062       | 0.064       | 0.048       | 0.070       | 0.041       | 0.038       |

## 1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>       | <b>Pitt County<br/>Ag. Center</b> | <b>Bethany</b> | <b>Rockwell</b> | <b>Enochville</b> | <b>Bryson City</b> | <b>Monroe</b> | <b>Millbrook</b> | <b>Fuquay</b> |
|------------------------|-----------------------------------|----------------|-----------------|-------------------|--------------------|---------------|------------------|---------------|
| <b>County</b>          | Pitt                              | Rockingham     | Rowan           | Rowan             | Swain              | Union         | Wake             | Wake          |
| <b>AQS Code</b>        | 37-147-0006                       | 37-157-0099    | 37-159-0021     | 37-159-0022       | 37-173-0002        | 37-179-0003   | 37-183-0014      | 37-183-0016   |
| <b>Latitude</b>        | 35.638610                         | 36.308890      | 35.551870       | 35.534480         | 35.434380          | 34.973890     | 35.856110        | 35.596940     |
| <b>Longitude</b>       | -77.358050                        | -79.859170     | -80.395040      | -80.667560        | -83.442100         | -80.540830    | -78.574170       | -78.792500    |
| <b>Exceedance days</b> | 0                                 | 0              | 0               | 0                 | 0                  | 0             | 0                | 0             |
| <b>Valid days</b>      | 211                               | 214            | 214             | 213               | 205                | 214           | 214              | 214           |
| 8/23/2010              | 0.053                             | 0.064          | 0.061           | 0.057             | 0.052              | 0.065         | 0.058            | 0.057         |
| 8/24/2010              | 0.044                             | 0.058          | 0.050           | 0.054             | 0.050              | 0.054         | 0.042            | 0.052         |
| 8/25/2010              | 0.047                             | 0.047          | 0.060           | 0.057             | 0.053              | 0.054         | 0.048            | 0.050         |
| 8/26/2010              | 0.058                             | 0.065          | 0.074           | 0.058             | 0.055              | 0.063         | 0.059            | 0.078         |
| 8/27/2010              | 0.058                             | 0.062          | 0.063           | 0.065             | 0.053              | 0.055         | 0.065            | 0.065         |
| 8/28/2010              | 0.053                             | 0.061          | 0.059           | 0.057             | 0.041              | 0.055         | 0.055            | 0.057         |
| 8/29/2010              | 0.065                             | 0.059          | 0.052           | 0.056             | 0.044              | 0.051         | 0.053            | 0.057         |
| 8/30/2010              | 0.062                             | 0.065          | 0.057           | 0.061             | 0.045              | 0.056         | 0.074            | 0.076         |
| 8/31/2010              | 0.071                             | 0.068          | 0.076           | 0.076             | 0.050              | 0.064         | 0.071            | 0.085         |
| 9/1/2010               | 0.062                             | 0.077          | 0.075           | 0.080             | 0.051              | 0.068         | 0.071            | 0.079         |
| 9/2/2010               | 0.035                             | 0.073          | 0.072           | 0.084             | 0.058              | 0.062         | 0.044            | 0.049         |
| 9/3/2010               | 0.080                             | 0.065          | 0.078           | 0.074             | 0.055              | 0.079         | 0.082            | 0.073         |
| 9/4/2010               | 0.056                             | 0.045          | 0.066           | 0.057             | 0.049              | 0.069         | 0.054            | 0.057         |
| 9/5/2010               | 0.053                             | 0.056          | 0.054           | 0.057             | 0.049              | 0.050         | 0.052            | 0.052         |
| 9/6/2010               | 0.057                             | 0.061          | 0.059           | 0.064             | 0.049              | 0.058         | 0.058            | 0.060         |
| 9/7/2010               | 0.060                             | 0.066          | 0.062           | 0.069             | 0.052              | 0.050         | 0.059            | 0.056         |
| 9/8/2010               | 0.054                             | 0.044          | 0.057           | 0.054             | 0.032              | 0.068         | 0.051            | 0.052         |
| 9/9/2010               | 0.080                             | 0.065          | 0.078           | 0.069             | 0.035              | 0.086         | 0.075            | 0.074         |
| 9/10/2010              | 0.064                             | 0.058          | 0.074           | 0.076             | 0.044              | 0.080         | 0.069            | 0.073         |
| 9/11/2010              | 0.045                             | 0.044          | 0.045           | 0.052             | 0.037              | 0.051         | 0.045            | 0.049         |
| 9/12/2010              | 0.042                             | 0.048          | 0.047           | 0.046             | 0.046              | 0.056         | 0.052            | 0.050         |
| 9/13/2010              | 0.054                             | 0.055          | 0.063           | 0.058             | 0.050              | 0.059         | 0.054            | 0.068         |
| 9/14/2010              | 0.025                             | 0.064          | 0.074           | 0.081             | 0.056              | 0.081         | 0.071            | 0.073         |
| 9/15/2010              |                                   | 0.086          | 0.069           | 0.079             | 0.062              | 0.066         | 0.069            | 0.068         |

1-hour ozone averages (every day maximum) in NC in 2010

| Site Name              | Pitt County<br>Ag. Center | Bethany     | Rockwell    | Enochville  | Bryson City | Monroe      | Millbrook   | Fuquay      |
|------------------------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>County</b>          | Pitt                      | Rockingham  | Rowan       | Rowan       | Swain       | Union       | Wake        | Wake        |
| <b>AQS Code</b>        | 37-147-0006               | 37-157-0099 | 37-159-0021 | 37-159-0022 | 37-173-0002 | 37-179-0003 | 37-183-0014 | 37-183-0016 |
| <b>Latitude</b>        | 35.638610                 | 36.308890   | 35.551870   | 35.534480   | 35.434380   | 34.973890   | 35.856110   | 35.596940   |
| <b>Longitude</b>       | -77.358050                | -79.859170  | -80.395040  | -80.667560  | -83.442100  | -80.540830  | -78.574170  | -78.792500  |
| <b>Exceedance days</b> | 0                         | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| <b>Valid days</b>      | 211                       | 214         | 214         | 213         | 205         | 214         | 214         | 214         |
| 9/16/2010              | 0.065                     | 0.070       | 0.069       | 0.065       | 0.047       | 0.057       | 0.063       | 0.062       |
| 9/17/2010              | 0.060                     | 0.056       | 0.074       | 0.073       | 0.050       | 0.071       | 0.072       | 0.064       |
| 9/18/2010              | 0.058                     | 0.067       | 0.070       | 0.077       | 0.052       | 0.062       | 0.060       | 0.068       |
| 9/19/2010              | 0.054                     | 0.069       | 0.072       | 0.081       | 0.048       | 0.065       | 0.058       | 0.072       |
| 9/20/2010              | 0.067                     | 0.080       | 0.080       | 0.072       | 0.049       | 0.074       | 0.063       | 0.070       |
| 9/21/2010              | 0.061                     | 0.075       | 0.066       | 0.075       | 0.059       | 0.063       | 0.068       | 0.063       |
| 9/22/2010              | 0.057                     | 0.075       | 0.085       | 0.081       | 0.055       | 0.060       | 0.061       | 0.060       |
| 9/23/2010              | 0.081                     | 0.070       | 0.082       | 0.092       | 0.051       | 0.065       | 0.087       | 0.074       |
| 9/24/2010              | 0.061                     | 0.068       | 0.077       | 0.074       | 0.042       | 0.053       | 0.067       | 0.067       |
| 9/25/2010              | 0.055                     | 0.058       | 0.065       | 0.066       | 0.038       | 0.051       | 0.060       | 0.054       |
| 9/26/2010              | 0.039                     | 0.046       | 0.046       | 0.039       | 0.025       | 0.034       | 0.055       | 0.050       |
| 9/27/2010              | 0.022                     | 0.024       | 0.025       | 0.024       | 0.031       | 0.027       | 0.023       | 0.024       |
| 9/28/2010              | 0.041                     | 0.044       | 0.049       | 0.051       | 0.044       | 0.046       | 0.047       | 0.046       |
| 9/29/2010              | 0.027                     | 0.026       | 0.024       | 0.026       | 0.047       | 0.024       | 0.027       | 0.028       |
| 9/30/2010              | 0.028                     | 0.040       | 0.040       | 0.039       | 0.040       | 0.038       | 0.026       | 0.026       |
| 10/1/2010              | 0.039                     | 0.046       | 0.049       | 0.050       | 0.046       | 0.054       | 0.044       | 0.050       |
| 10/2/2010              | 0.041                     | 0.046       | 0.051       | 0.054       | 0.042       | 0.047       | 0.043       | 0.047       |
| 10/3/2010              | 0.029                     | 0.043       | 0.047       | 0.043       | 0.033       | 0.045       | 0.032       | 0.035       |
| 10/4/2010              | 0.034                     | 0.043       | 0.041       | 0.040       | 0.029       | 0.042       | 0.039       | 0.042       |
| 10/5/2010              | 0.010                     | 0.042       | 0.039       | 0.022       | 0.038       | 0.042       | 0.041       | 0.040       |
| 10/6/2010              |                           | 0.044       | 0.049       | 0.048       | 0.051       | 0.051       | 0.042       | 0.047       |
| 10/7/2010              |                           | 0.067       | 0.067       | 0.063       | 0.063       | 0.066       | 0.068       | 0.067       |
| 10/8/2010              | 0.051                     | 0.064       | 0.063       | 0.065       | 0.052       | 0.069       | 0.055       | 0.061       |
| 10/9/2010              | 0.071                     | 0.064       | 0.069       | 0.063       | 0.052       | 0.090       | 0.063       | 0.070       |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>       | <b>Pitt County<br/>Ag. Center</b> | <b>Bethany</b> | <b>Rockwell</b> | <b>Enochville</b> | <b>Bryson City</b> | <b>Monroe</b> | <b>Millbrook</b> | <b>Fuquay</b> |
|------------------------|-----------------------------------|----------------|-----------------|-------------------|--------------------|---------------|------------------|---------------|
| <b>County</b>          | Pitt                              | Rockingham     | Rowan           | Rowan             | Swain              | Union         | Wake             | Wake          |
| <b>AQS Code</b>        | 37-147-0006                       | 37-157-0099    | 37-159-0021     | 37-159-0022       | 37-173-0002        | 37-179-0003   | 37-183-0014      | 37-183-0016   |
| <b>Latitude</b>        | 35.638610                         | 36.308890      | 35.551870       | 35.534480         | 35.434380          | 34.973890     | 35.856110        | 35.596940     |
| <b>Longitude</b>       | -77.358050                        | -79.859170     | -80.395040      | -80.667560        | -83.442100         | -80.540830    | -78.574170       | -78.792500    |
| <b>Exceedance days</b> | 0                                 | 0              | 0               | 0                 | 0                  | 0             | 0                | 0             |
| <b>Valid days</b>      | 211                               | 214            | 214             | 213               | 205                | 214           | 214              | 214           |
| 10/10/2010             | 0.073                             | 0.069          | 0.076           | 0.069             | 0.049              | 0.072         | 0.073            | 0.075         |
| 10/11/2010             | 0.069                             | 0.071          | 0.077           | 0.069             | 0.066              | 0.070         | 0.063            | 0.063         |
| 10/12/2010             | 0.073                             | 0.077          | 0.078           | 0.078             | 0.054              | 0.083         | 0.071            | 0.072         |
| 10/13/2010             | 0.057                             | 0.050          | 0.070           | 0.072             | 0.050              | 0.070         | 0.055            | 0.065         |
| 10/14/2010             | 0.046                             | 0.043          | 0.045           | 0.044             | 0.042              | 0.047         | 0.040            | 0.045         |
| 10/15/2010             | 0.048                             | 0.044          | 0.050           | 0.050             | 0.049              | 0.052         | 0.045            | 0.049         |
| 10/16/2010             | 0.041                             | 0.045          | 0.047           | 0.048             | 0.041              | 0.051         | 0.042            | 0.045         |
| 10/17/2010             | 0.054                             | 0.053          | 0.062           | 0.059             | 0.044              | 0.052         | 0.049            | 0.051         |
| 10/18/2010             | 0.059                             | 0.067          | 0.052           | 0.047             | 0.040              | 0.048         | 0.054            | 0.052         |
| 10/19/2010             | 0.074                             | 0.066          | 0.071           | 0.069             | 0.067              | 0.067         | 0.064            | 0.069         |
| 10/20/2010             | 0.040                             | 0.024          | 0.049           | 0.047             | 0.048              | 0.051         | 0.032            | 0.032         |
| 10/21/2010             | 0.056                             | 0.054          | 0.056           | 0.054             | 0.053              | 0.057         | 0.053            | 0.054         |
| 10/22/2010             | 0.043                             | 0.043          | 0.048           | 0.047             | 0.049              | 0.049         | 0.040            | 0.044         |
| 10/23/2010             | 0.051                             | 0.056          | 0.063           | 0.058             | 0.055              | 0.056         | 0.054            | 0.056         |
| 10/24/2010             | 0.046                             | 0.056          | 0.056           | 0.057             | 0.049              | 0.051         | 0.048            | 0.049         |
| 10/25/2010             | 0.036                             | 0.033          | 0.028           | 0.030             | 0.038              | 0.030         | 0.032            | 0.033         |
| 10/26/2010             | 0.029                             | 0.024          | 0.026           | 0.025             | 0.026              | 0.025         | 0.021            | 0.021         |
| 10/27/2010             | 0.029                             | 0.026          | 0.025           | 0.024             | 0.018              | 0.023         | 0.022            | 0.028         |
| 10/28/2010             | 0.029                             | 0.041          | 0.042           | 0.042             | 0.043              | 0.035         | 0.032            | 0.031         |
| 10/29/2010             | 0.033                             | 0.037          | 0.038           | 0.037             | 0.043              | 0.037         | 0.032            | 0.035         |
| 10/30/2010             | 0.039                             | 0.043          | 0.044           | 0.043             | 0.049              | 0.045         | 0.037            | 0.041         |
| 10/31/2010             | 0.053                             | 0.053          | 0.057           | 0.055             | 0.050              | 0.053         | 0.050            | 0.052         |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>       | <b>Pitt County<br/>Ag. Center</b> | <b>Bethany</b> | <b>Rockwell</b> | <b>Enochville</b> | <b>Bryson City</b> | <b>Monroe</b> | <b>Millbrook</b> | <b>Fuquay</b> |
|------------------------|-----------------------------------|----------------|-----------------|-------------------|--------------------|---------------|------------------|---------------|
| <b>County</b>          | Pitt                              | Rockingham     | Rowan           | Rowan             | Swain              | Union         | Wake             | Wake          |
| <b>AQS Code</b>        | 37-147-0006                       | 37-157-0099    | 37-159-0021     | 37-159-0022       | 37-173-0002        | 37-179-0003   | 37-183-0014      | 37-183-0016   |
| <b>Latitude</b>        | 35.638610                         | 36.308890      | 35.551870       | 35.534480         | 35.434380          | 34.973890     | 35.856110        | 35.596940     |
| <b>Longitude</b>       | -77.358050                        | -79.859170     | -80.395040      | -80.667560        | -83.442100         | -80.540830    | -78.574170       | -78.792500    |
| <b>Exceedance days</b> | 0                                 | 0              | 0               | 0                 | 0                  | 0             | 0                | 0             |
| <b>Valid days</b>      | 211                               | 214            | 214             | 213               | 205                | 214           | 214              | 214           |
| <b>Max conc rank</b>   |                                   |                |                 |                   |                    |               |                  |               |
| 1                      | 0.087                             | 0.095          | 0.103           | 0.093             | 0.085              | 0.090         | 0.090            | 0.094         |
| 2                      | 0.081                             | 0.090          | 0.097           | 0.092             | 0.070              | 0.086         | 0.087            | 0.093         |
| 3                      | 0.080                             | 0.086          | 0.093           | 0.090             | 0.070              | 0.083         | 0.087            | 0.085         |
| 4                      | 0.080                             | 0.083          | 0.091           | 0.090             | 0.070              | 0.081         | 0.082            | 0.083         |
| 5                      | 0.079                             | 0.080          | 0.090           | 0.088             | 0.069              | 0.081         | 0.078            | 0.080         |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>           | <b>Mt. Mitchell</b> | Exceedance<br>site days | Exceedance<br>days |
|----------------------------|---------------------|-------------------------|--------------------|
| <b>County</b>              | Yancey              |                         |                    |
| <b>AQS Code</b>            | 37-199-0004         |                         |                    |
| <b>Latitude</b>            | 35.772830           |                         |                    |
| <b>Longitude</b>           | -82.266140          |                         |                    |
| <b>Exceedance<br/>days</b> | 0                   | 0                       | 0                  |
| <b>Valid days</b>          | 214                 |                         |                    |
| 4/1/2010                   | 0.065               | 0                       | 0                  |
| 4/2/2010                   | 0.085               | 0                       | 0                  |
| 4/3/2010                   | 0.070               | 0                       | 0                  |
| 4/4/2010                   | 0.063               | 0                       | 0                  |
| 4/5/2010                   | 0.058               | 0                       | 0                  |
| 4/6/2010                   | 0.069               | 0                       | 0                  |
| 4/7/2010                   | 0.062               | 0                       | 0                  |
| 4/8/2010                   | 0.054               | 0                       | 0                  |
| 4/9/2010                   | 0.055               | 0                       | 0                  |
| 4/10/2010                  | 0.065               | 0                       | 0                  |
| 4/11/2010                  | 0.067               | 0                       | 0                  |
| 4/12/2010                  | 0.077               | 0                       | 0                  |
| 4/13/2010                  | 0.078               | 0                       | 0                  |
| 4/14/2010                  | 0.077               | 0                       | 0                  |
| 4/15/2010                  | 0.076               | 0                       | 0                  |
| 4/16/2010                  | 0.074               | 0                       | 0                  |
| 4/17/2010                  | 0.064               | 0                       | 0                  |
| 4/18/2010                  | 0.057               | 0                       | 0                  |
| 4/19/2010                  | 0.058               | 0                       | 0                  |
| 4/20/2010                  | 0.057               | 0                       | 0                  |
| 4/21/2010                  | 0.060               | 0                       | 0                  |
| 4/22/2010                  | 0.067               | 0                       | 0                  |
| 4/23/2010                  | 0.068               | 0                       | 0                  |
| 4/24/2010                  | 0.058               | 0                       | 0                  |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>           | <b>Mt. Mitchell</b> | Exceedance<br>site days | Exceedance<br>days |
|----------------------------|---------------------|-------------------------|--------------------|
| <b>County</b>              | Yancey              |                         |                    |
| <b>AQS Code</b>            | 37-199-0004         |                         |                    |
| <b>Latitude</b>            | 35.772830           |                         |                    |
| <b>Longitude</b>           | -82.266140          |                         |                    |
| <b>Exceedance<br/>days</b> | 0                   | 0                       | 0                  |
| <b>Valid days</b>          | 214                 |                         |                    |
| 4/25/2010                  | 0.054               | 0                       | 0                  |
| 4/26/2010                  | 0.052               | 0                       | 0                  |
| 4/27/2010                  | 0.050               | 0                       | 0                  |
| 4/28/2010                  | 0.057               | 0                       | 0                  |
| 4/29/2010                  | 0.063               | 0                       | 0                  |
| 4/30/2010                  | 0.065               | 0                       | 0                  |
| 5/1/2010                   | 0.055               | 0                       | 0                  |
| 5/2/2010                   | 0.026               | 0                       | 0                  |
| 5/3/2010                   | 0.047               | 0                       | 0                  |
| 5/4/2010                   | 0.066               | 0                       | 0                  |
| 5/5/2010                   | 0.067               | 0                       | 0                  |
| 5/6/2010                   | 0.077               | 0                       | 0                  |
| 5/7/2010                   | 0.074               | 0                       | 0                  |
| 5/8/2010                   | 0.057               | 0                       | 0                  |
| 5/9/2010                   | 0.056               | 0                       | 0                  |
| 5/10/2010                  | 0.048               | 0                       | 0                  |
| 5/11/2010                  | 0.049               | 0                       | 0                  |
| 5/12/2010                  | 0.044               | 0                       | 0                  |
| 5/13/2010                  | 0.049               | 0                       | 0                  |
| 5/14/2010                  | 0.047               | 0                       | 0                  |
| 5/15/2010                  | 0.048               | 0                       | 0                  |
| 5/16/2010                  | 0.051               | 0                       | 0                  |
| 5/17/2010                  | 0.048               | 0                       | 0                  |
| 5/18/2010                  | 0.049               | 0                       | 0                  |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>           | <b>Mt. Mitchell</b> | Exceedance<br>site days | Exceedance<br>days |
|----------------------------|---------------------|-------------------------|--------------------|
| <b>County</b>              | Yancey              |                         |                    |
| <b>AQS Code</b>            | 37-199-0004         |                         |                    |
| <b>Latitude</b>            | 35.772830           |                         |                    |
| <b>Longitude</b>           | -82.266140          |                         |                    |
| <b>Exceedance<br/>days</b> | 0                   | 0                       | 0                  |
| <b>Valid days</b>          | 214                 |                         |                    |
| 5/19/2010                  | 0.054               | 0                       | 0                  |
| 5/20/2010                  | 0.051               | 0                       | 0                  |
| 5/21/2010                  | 0.056               | 0                       | 0                  |
| 5/22/2010                  | 0.049               | 0                       | 0                  |
| 5/23/2010                  | 0.056               | 0                       | 0                  |
| 5/24/2010                  | 0.055               | 0                       | 0                  |
| 5/25/2010                  | 0.044               | 0                       | 0                  |
| 5/26/2010                  | 0.048               | 0                       | 0                  |
| 5/27/2010                  | 0.060               | 0                       | 0                  |
| 5/28/2010                  | 0.055               | 0                       | 0                  |
| 5/29/2010                  | 0.054               | 0                       | 0                  |
| 5/30/2010                  | 0.040               | 0                       | 0                  |
| 5/31/2010                  | 0.055               | 0                       | 0                  |
| 6/1/2010                   | 0.062               | 0                       | 0                  |
| 6/2/2010                   | 0.061               | 0                       | 0                  |
| 6/3/2010                   | 0.059               | 0                       | 0                  |
| 6/4/2010                   | 0.052               | 0                       | 0                  |
| 6/5/2010                   | 0.045               | 0                       | 0                  |
| 6/6/2010                   | 0.045               | 0                       | 0                  |
| 6/7/2010                   | 0.052               | 0                       | 0                  |
| 6/8/2010                   | 0.053               | 0                       | 0                  |
| 6/9/2010                   | 0.058               | 0                       | 0                  |
| 6/10/2010                  | 0.043               | 0                       | 0                  |
| 6/11/2010                  | 0.069               | 0                       | 0                  |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>           | <b>Mt. Mitchell</b> | Exceedance<br>site days | Exceedance<br>days |
|----------------------------|---------------------|-------------------------|--------------------|
| <b>County</b>              | Yancey              |                         |                    |
| <b>AQS Code</b>            | 37-199-0004         |                         |                    |
| <b>Latitude</b>            | 35.772830           |                         |                    |
| <b>Longitude</b>           | -82.266140          |                         |                    |
| <b>Exceedance<br/>days</b> | 0                   | 0                       | 0                  |
| <b>Valid days</b>          | 214                 |                         |                    |
| 6/12/2010                  | 0.040               | 0                       | 0                  |
| 6/13/2010                  | 0.042               | 0                       | 0                  |
| 6/14/2010                  | 0.047               | 0                       | 0                  |
| 6/15/2010                  | 0.054               | 0                       | 0                  |
| 6/16/2010                  | 0.047               | 0                       | 0                  |
| 6/17/2010                  | 0.073               | 0                       | 0                  |
| 6/18/2010                  | 0.065               | 0                       | 0                  |
| 6/19/2010                  | 0.062               | 0                       | 0                  |
| 6/20/2010                  | 0.059               | 0                       | 0                  |
| 6/21/2010                  | 0.064               | 0                       | 0                  |
| 6/22/2010                  | 0.057               | 0                       | 0                  |
| 6/23/2010                  | 0.075               | 0                       | 0                  |
| 6/24/2010                  | 0.052               | 0                       | 0                  |
| 6/25/2010                  | 0.055               | 0                       | 0                  |
| 6/26/2010                  | 0.059               | 0                       | 0                  |
| 6/27/2010                  | 0.059               | 0                       | 0                  |
| 6/28/2010                  | 0.048               | 0                       | 0                  |
| 6/29/2010                  | 0.054               | 0                       | 0                  |
| 6/30/2010                  | 0.052               | 0                       | 0                  |
| 7/1/2010                   | 0.057               | 0                       | 0                  |
| 7/2/2010                   | 0.055               | 0                       | 0                  |
| 7/3/2010                   | 0.063               | 0                       | 0                  |
| 7/4/2010                   | 0.067               | 0                       | 0                  |
| 7/5/2010                   | 0.070               | 0                       | 0                  |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>           | <b>Mt. Mitchell</b> | Exceedance<br>site days | Exceedance<br>days |
|----------------------------|---------------------|-------------------------|--------------------|
| <b>County</b>              | Yancey              |                         |                    |
| <b>AQS Code</b>            | 37-199-0004         |                         |                    |
| <b>Latitude</b>            | 35.772830           |                         |                    |
| <b>Longitude</b>           | -82.266140          |                         |                    |
| <b>Exceedance<br/>days</b> | 0                   | 0                       | 0                  |
| <b>Valid days</b>          | 214                 |                         |                    |
| 7/6/2010                   | 0.061               | 0                       | 0                  |
| 7/7/2010                   | 0.060               | 0                       | 0                  |
| 7/8/2010                   | 0.075               | 0                       | 0                  |
| 7/9/2010                   | 0.071               | 0                       | 0                  |
| 7/10/2010                  | 0.055               | 0                       | 0                  |
| 7/11/2010                  | 0.054               | 0                       | 0                  |
| 7/12/2010                  | 0.044               | 0                       | 0                  |
| 7/13/2010                  | 0.044               | 0                       | 0                  |
| 7/14/2010                  | 0.054               | 0                       | 0                  |
| 7/15/2010                  | 0.051               | 0                       | 0                  |
| 7/16/2010                  | 0.056               | 0                       | 0                  |
| 7/17/2010                  | 0.061               | 0                       | 0                  |
| 7/18/2010                  | 0.038               | 0                       | 0                  |
| 7/19/2010                  | 0.046               | 0                       | 0                  |
| 7/20/2010                  | 0.049               | 0                       | 0                  |
| 7/21/2010                  | 0.040               | 0                       | 0                  |
| 7/22/2010                  | 0.047               | 0                       | 0                  |
| 7/23/2010                  | 0.049               | 0                       | 0                  |
| 7/24/2010                  | 0.040               | 0                       | 0                  |
| 7/25/2010                  | 0.052               | 0                       | 0                  |
| 7/26/2010                  | 0.043               | 0                       | 0                  |
| 7/27/2010                  | 0.045               | 0                       | 0                  |
| 7/28/2010                  | 0.047               | 0                       | 0                  |
| 7/29/2010                  | 0.049               | 0                       | 0                  |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>           | <b>Mt. Mitchell</b> | Exceedance<br>site days | Exceedance<br>days |
|----------------------------|---------------------|-------------------------|--------------------|
| <b>County</b>              | Yancey              |                         |                    |
| <b>AQS Code</b>            | 37-199-0004         |                         |                    |
| <b>Latitude</b>            | 35.772830           |                         |                    |
| <b>Longitude</b>           | -82.266140          |                         |                    |
| <b>Exceedance<br/>days</b> | 0                   | 0                       | 0                  |
| <b>Valid days</b>          | 214                 |                         |                    |
| 7/30/2010                  | 0.052               | 0                       | 0                  |
| 7/31/2010                  | 0.051               | 0                       | 0                  |
| 8/1/2010                   | 0.043               | 0                       | 0                  |
| 8/2/2010                   | 0.041               | 0                       | 0                  |
| 8/3/2010                   | 0.048               | 0                       | 0                  |
| 8/4/2010                   | 0.053               | 0                       | 0                  |
| 8/5/2010                   | 0.056               | 0                       | 0                  |
| 8/6/2010                   | 0.057               | 0                       | 0                  |
| 8/7/2010                   | 0.052               | 0                       | 0                  |
| 8/8/2010                   | 0.052               | 0                       | 0                  |
| 8/9/2010                   | 0.058               | 0                       | 0                  |
| 8/10/2010                  | 0.055               | 0                       | 0                  |
| 8/11/2010                  | 0.068               | 0                       | 0                  |
| 8/12/2010                  | 0.060               | 0                       | 0                  |
| 8/13/2010                  | 0.058               | 0                       | 0                  |
| 8/14/2010                  | 0.055               | 0                       | 0                  |
| 8/15/2010                  | 0.049               | 0                       | 0                  |
| 8/16/2010                  | 0.050               | 0                       | 0                  |
| 8/17/2010                  | 0.041               | 0                       | 0                  |
| 8/18/2010                  | 0.032               | 0                       | 0                  |
| 8/19/2010                  | 0.041               | 0                       | 0                  |
| 8/20/2010                  | 0.048               | 0                       | 0                  |
| 8/21/2010                  | 0.049               | 0                       | 0                  |
| 8/22/2010                  | 0.052               | 0                       | 0                  |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>           | <b>Mt. Mitchell</b> | Exceedance<br>site days | Exceedance<br>days |
|----------------------------|---------------------|-------------------------|--------------------|
| <b>County</b>              | Yancey              |                         |                    |
| <b>AQS Code</b>            | 37-199-0004         |                         |                    |
| <b>Latitude</b>            | 35.772830           |                         |                    |
| <b>Longitude</b>           | -82.266140          |                         |                    |
| <b>Exceedance<br/>days</b> | 0                   | 0                       | 0                  |
| <b>Valid days</b>          | 214                 |                         |                    |
| 8/23/2010                  | 0.059               | 0                       | 0                  |
| 8/24/2010                  | 0.054               | 0                       | 0                  |
| 8/25/2010                  | 0.054               | 0                       | 0                  |
| 8/26/2010                  | 0.057               | 0                       | 0                  |
| 8/27/2010                  | 0.058               | 0                       | 0                  |
| 8/28/2010                  | 0.058               | 0                       | 0                  |
| 8/29/2010                  | 0.051               | 0                       | 0                  |
| 8/30/2010                  | 0.062               | 0                       | 0                  |
| 8/31/2010                  | 0.061               | 0                       | 0                  |
| 9/1/2010                   | 0.075               | 0                       | 0                  |
| 9/2/2010                   | 0.074               | 0                       | 0                  |
| 9/3/2010                   | 0.063               | 0                       | 0                  |
| 9/4/2010                   | 0.050               | 0                       | 0                  |
| 9/5/2010                   | 0.055               | 0                       | 0                  |
| 9/6/2010                   | 0.064               | 0                       | 0                  |
| 9/7/2010                   | 0.056               | 0                       | 0                  |
| 9/8/2010                   | 0.059               | 0                       | 0                  |
| 9/9/2010                   | 0.065               | 0                       | 0                  |
| 9/10/2010                  | 0.066               | 0                       | 0                  |
| 9/11/2010                  | 0.057               | 0                       | 0                  |
| 9/12/2010                  | 0.046               | 0                       | 0                  |
| 9/13/2010                  | 0.055               | 0                       | 0                  |
| 9/14/2010                  | 0.062               | 0                       | 0                  |
| 9/15/2010                  | 0.070               | 0                       | 0                  |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>           | <b>Mt. Mitchell</b> | Exceedance<br>site days | Exceedance<br>days |
|----------------------------|---------------------|-------------------------|--------------------|
| <b>County</b>              | Yancey              |                         |                    |
| <b>AQS Code</b>            | 37-199-0004         |                         |                    |
| <b>Latitude</b>            | 35.772830           |                         |                    |
| <b>Longitude</b>           | -82.266140          |                         |                    |
| <b>Exceedance<br/>days</b> | 0                   | 0                       | 0                  |
| <b>Valid days</b>          | 214                 |                         |                    |
| 9/16/2010                  | 0.066               | 0                       | 0                  |
| 9/17/2010                  | 0.056               | 0                       | 0                  |
| 9/18/2010                  | 0.054               | 0                       | 0                  |
| 9/19/2010                  | 0.055               | 0                       | 0                  |
| 9/20/2010                  | 0.062               | 0                       | 0                  |
| 9/21/2010                  | 0.068               | 0                       | 0                  |
| 9/22/2010                  | 0.063               | 0                       | 0                  |
| 9/23/2010                  | 0.065               | 0                       | 0                  |
| 9/24/2010                  | 0.058               | 0                       | 0                  |
| 9/25/2010                  | 0.049               | 0                       | 0                  |
| 9/26/2010                  | 0.045               | 0                       | 0                  |
| 9/27/2010                  | 0.051               | 0                       | 0                  |
| 9/28/2010                  | 0.045               | 0                       | 0                  |
| 9/29/2010                  | 0.042               | 0                       | 0                  |
| 9/30/2010                  | 0.056               | 0                       | 0                  |
| 10/1/2010                  | 0.055               | 0                       | 0                  |
| 10/2/2010                  | 0.057               | 0                       | 0                  |
| 10/3/2010                  | 0.046               | 0                       | 0                  |
| 10/4/2010                  | 0.036               | 0                       | 0                  |
| 10/5/2010                  | 0.038               | 0                       | 0                  |
| 10/6/2010                  | 0.055               | 0                       | 0                  |
| 10/7/2010                  | 0.064               | 0                       | 0                  |
| 10/8/2010                  | 0.063               | 0                       | 0                  |
| 10/9/2010                  | 0.068               | 0                       | 0                  |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>           | <b>Mt. Mitchell</b> | Exceedance<br>site days | Exceedance<br>days |
|----------------------------|---------------------|-------------------------|--------------------|
| <b>County</b>              | Yancey              |                         |                    |
| <b>AQS Code</b>            | 37-199-0004         |                         |                    |
| <b>Latitude</b>            | 35.772830           |                         |                    |
| <b>Longitude</b>           | -82.266140          |                         |                    |
| <b>Exceedance<br/>days</b> | 0                   | 0                       | 0                  |
| <b>Valid days</b>          | 214                 |                         |                    |
| 10/10/2010                 | 0.059               | 0                       | 0                  |
| 10/11/2010                 | 0.067               | 0                       | 0                  |
| 10/12/2010                 | 0.072               | 0                       | 0                  |
| 10/13/2010                 | 0.062               | 0                       | 0                  |
| 10/14/2010                 | 0.059               | 0                       | 0                  |
| 10/15/2010                 | 0.048               | 0                       | 0                  |
| 10/16/2010                 | 0.049               | 0                       | 0                  |
| 10/17/2010                 | 0.055               | 0                       | 0                  |
| 10/18/2010                 | 0.066               | 0                       | 0                  |
| 10/19/2010                 | 0.069               | 0                       | 0                  |
| 10/20/2010                 | 0.069               | 0                       | 0                  |
| 10/21/2010                 | 0.054               | 0                       | 0                  |
| 10/22/2010                 | 0.054               | 0                       | 0                  |
| 10/23/2010                 | 0.050               | 0                       | 0                  |
| 10/24/2010                 | 0.051               | 0                       | 0                  |
| 10/25/2010                 | 0.045               | 0                       | 0                  |
| 10/26/2010                 | 0.027               | 0                       | 0                  |
| 10/27/2010                 | 0.042               | 0                       | 0                  |
| 10/28/2010                 | 0.047               | 0                       | 0                  |
| 10/29/2010                 | 0.053               | 0                       | 0                  |
| 10/30/2010                 | 0.058               | 0                       | 0                  |
| 10/31/2010                 | 0.056               | 0                       | 0                  |

1-hour ozone averages (every day maximum) in NC in 2010

| <b>Site Name</b>           | <b>Mt. Mitchell</b> | Exceedance<br>site days | Exceedance<br>days |
|----------------------------|---------------------|-------------------------|--------------------|
| <b>County</b>              | Yancey              |                         |                    |
| <b>AQS Code</b>            | 37-199-0004         |                         |                    |
| <b>Latitude</b>            | 35.772830           |                         |                    |
| <b>Longitude</b>           | -82.266140          |                         |                    |
| <b>Exceedance<br/>days</b> | 0                   | 0                       | 0                  |
| <b>Valid days</b>          | 214                 |                         |                    |
| <b>Max conc rank</b>       |                     |                         |                    |
| 1                          | 0.085               |                         |                    |
| 2                          | 0.078               |                         |                    |
| 3                          | 0.077               |                         |                    |
| 4                          | 0.077               |                         |                    |
| 5                          | 0.077               |                         |                    |